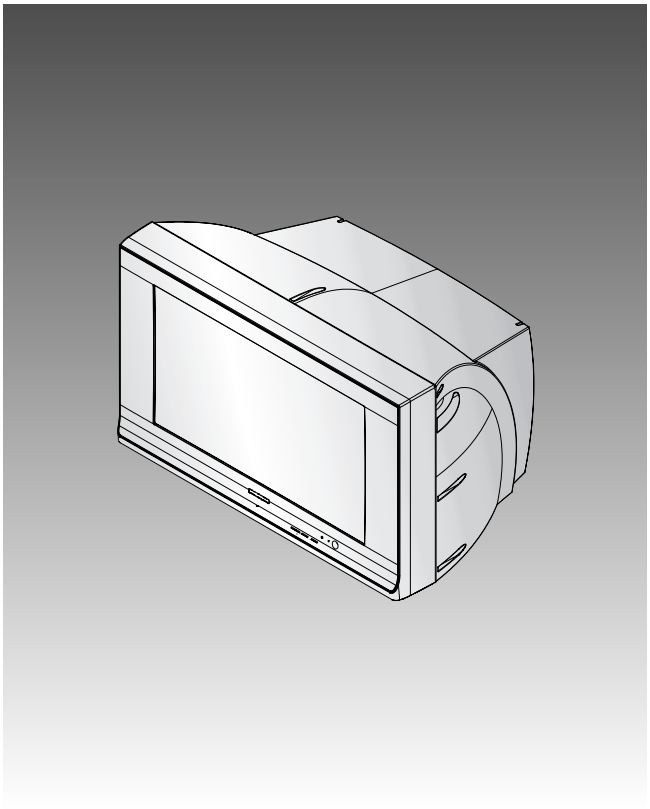
SAMSUNG

# COLOR TELEVISION RECEIVER

**Chassis :** **K55A**
**Model :** **TXN2771HFX/XAA**
**TXN2771HFX/XAC**
**TXN2670WHFXXAA**

# SERVICE Manual

## COLOR TELEVISION RECEIVER



## CONTENTS


1. Precautions
2. Reference Information
3. Specifications
4. Alignment and Adjustments
5. Exploded Views and Parts List
6. Electrical Parts List
7. Troubleshooting
8. Block Diagrams
9. Schematic Diagrams

**ELECTRONICS**

© Samsung Electronics Co., Ltd. **Mar. 2003**
Printed in Korea
**AA82-00406A**

# 1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

## 1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

   If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1):
   Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANIS C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

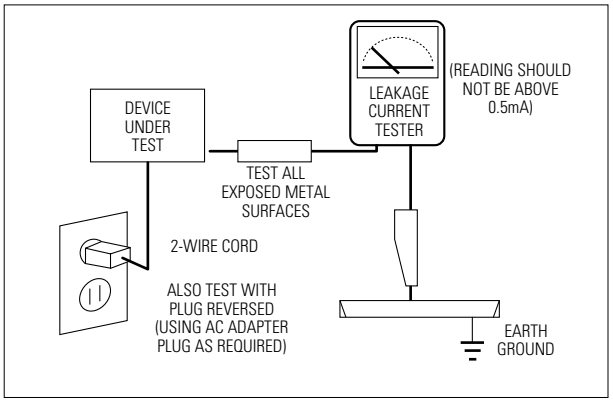

DEVICE UNDER TEST
LEAKAGE CURRENT TESTER
(READING SHOULD NOT BE ABOVE 0.5mA)
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Fig. 1-1 AC Leakage Test

6. Antenna Cold Check:
   With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.

7. X-ray Limits:
   The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.

8. High Voltage Limits:
   High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits.
   Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced.
   (X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

   Heed the high voltage limits. These include the X–ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

## 1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.

10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.

11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

    To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.

12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.

13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.

14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.

15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.

16. Picture Tube Implosion Warning:
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.

17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.

18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

    Components that are critical for safety are indicated in the circuit diagram by shading, ( ⚡ ) or ( ⚠ ).
    Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications.
    A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

## 1-2 Servicing Precautions

Warning1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.
Warning2: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.

2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.

3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.

4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.

5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).

6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.

7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

## 1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor (“solid state”) devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.

2. Immediately before handling any semicon ductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)

3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.

4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.

5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.

6. Use only an anti-static solder removal device. Many solder removal devices are not rated as “anti-static”; these can accumulate sufficient electrical charge to damage ESDs.

7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.

8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

**CAUTION**

These servicing instructions are for use by qualified service personnel only.
To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

# 2. Reference Information

## 2-1 Tables of Abbreviations and Acronyms

**Table 2-1 Abbreviations**

| | | | |
|---|---|---|---|
| A | Ampere | MV | Megavolt |
| Ah | Ampere-hour | MW | Megawatt |
| Å | Angstrom | MΩ | Megohm |
| dB | Decibel | m | Meter |
| dBm | Decibel Referenced to One Milliwatt | µA | Microampere |
| | | µF | Microfarad |
| °C | Degree Celsius | µH | Microhenry |
| °F | Degree Fahrenheit | µm | Micrometer |
| °K | degree Kelvin | µs | Microsecond |
| F | Farad | µW | Microwatt |
| G | Gauss | mA | Milliampere |
| GHz | Gigahertz | mg | Milligram |
| g | Gram | mH | Millihenry |
| H | Henry | ml | Milliliter |
| Hz | Hertz | mm | Millimeter |
| h | Hour | ms | Millisecond |
| ips | Inches Per Second | mV | Millivolt |
| kWh | Kilowatt-hour | nF | Nanofarad |
| kg | Kilogram | Ω | Ohm |
| kHz | Kilohertz | pF | Picofarad |
| kΩ | Kilohm | lb | Pound |
| km | Kilometer | rpm | Revolutions Per Minute |
| km/h | Kilometer Per Hour | rps | Revolutions Per Second |
| kV | Kilovolt | s | Second (Time) |
| kVA | Kilovolt-ampere | V | Volt |
| kW | Kilowatt | VA | Volt-ampere |
| l | Liter | W | Watt |
| MHz | Megahertz | Wh | Watt-hour |

**Table 2-2 Table of Acronyms**

| | |
|---|---|
| ABL | Automatic Brightness Limiter |
| AC | Alternating Current |
| ACC | Automatic Chroma Control |
| AF | Audio Frequency |
| AFC | Automatic Frequency Control |
| AFT | Automatic Fine Tuning |
| AGC | Automatic Gain Control |
| AM | Amplitude Modulation |
| ANSI | American National Standards Institute |
| APC | Automatic Phase Control |
| APC | Automatic Picture Control |
| A/V | Audio-Video |
| AVC | Automatic Volume Control |
| BAL | Balance |
| BPF | Bandpass Filter |
| B-Y | Blue-Y |
| CATV | Community Antenna Television (Cable TV) |
| CB | Citizens Band |
| CCD | Charge Coupled Device |
| CCTV | Closed Circuit Television |
| Ch | Channel |
| CRT | Cathode Ray Tube |
| CW | Continuous Wave |
| DC | Direct Current |
| DVM | Digital Volt Meter |
| EIA | Electronics Industries Association |
| ESD | Electrostatic Discharge |
| ESD | Electrostatically Sensitive Device |
| FBP | Feedback Pulse |
| FBT | Flyback Transformer |
| FF | Flip-Flop |
| FM | Frequency Modulation |
| FS | Fail Safe |
| GND | Ground |
| G-Y | Green-Y |
| H | High |
| HF | High-Frequency |
| HI-FI | High Fidelity |
| IC | Inductance-Capacitance |
| IC | Integrated Circuit |
| IF | Intermediate Frequency |
| I/O | Input/output |
| L | Left |
| L | Low |
| LED | Light Emitting Diode |
| LF | Low Frequency |
| MOSFET | Metal-Oxide-Semiconductor-Field-Effect-Tr |
| MTS | Multi-channel Television Sound |
| NAB | National Association of Broadcasters |
| NEC | National Electric Code |
| NTSC | National Television Systems Committee |
| OSD | On Screen Display |
| PCB | Printed Circuit Board |
| PLL | Phase-Locked Loop |
| PWM | Pulse Width Modulation |
| QIF | Quadrature Intermediate Frequency |
| R | Right |
| RC | Resistor & Capacitor |
| RF | Radio Frequency |
| R-Y | Red-Y |
| SAP | Second Audio Program |
| SAW | Surface Acoustic Wave(Filter) |
| SIF | Sound Intermediate Frequency |
| SMPS | Switching Mode Power Supply |
| S/N | Signal/Noise |
| SW | Switch |
| TP | Test Point |
| TTL | Transistor Transistor Logic |
| TV | Television |
| UHF | Ultra High Frequency |
| UL | Underwriters Laboratories |
| UV | Ultraviolet |
| VCD | Variable-Capacitance Diode |
| VCO | Voltage Controlled Oscillator |
| VCXO | Voltage Controlled Crystal Oscillator |
| VHF | Very High Frequency |
| VIF | Video Intermediate Frequency |
| VR | Variable Resistor |
| VTR | Video Tape Recorder |
| VTVM | Vacuum Tube Voltmeter |
| TR | Transistor |

## 2-2 IC Line Up

| Block | Des-Loc | Part-Number | IC Name | Description |
|---|---|---|---|---|
| MAIN | IC901 | AA09-00041A | SDA555X-OTP | IC-MCU |
| | HIC401 | AA13-00094A | DDRI001A | IC HYBRID |
| | TU02S | AA40-00041A | TCPN3081PC09C(S) | TUNER-F/S |
| | IC06 | 1203-002000 | DETECTOR;7027 | IC-VOL |
| | IC805 | 1203-001006 | 78R05) | IC-VOLTAGE REGULATOR |
| | HC401 | 0502-001230 | FJL6920YDTU) | TR-POWER |
| | D801S | 0402-001399 | GSIB660 | DIODE-BREDGE |
| | HC801 | 1230-001006 | 78R05 | IC-VOLTAGE REGULATOR |
| | IC602 | 1201-001385 | 7269A | IC-POWER AMP |
| | IC801S | 1203-002512 | KA5Q1565RF | IC-PWM CONTROLLER |
| | IC301 | 1204-000517 | LA7845 | IC-VERTICAL DEF |
| | IC902 | 1103-001177 | 24WC16 | IC-EEPROM |
| | IC401 | 1202-000103 | 393, DIP, 8P | IC-VOLTAGE COMP |
| | IC803 | 1203-001225 | 78R09 | IC-POSI.FIXED REG |
| | IC601 | 1204-001970 | MSP3421G0P0-8 | IC-SOUND PROCESSOR |
| | TU01S | AA40-00020A | TCLN3181PA09A(S) | TUNER-F/S |
| | IC402 | 1203-000243 | 7812A | IC-POSI.FIXED REG |
| | IC804 | 1203-001217 | 431 | IC-POSI.ADJUST REG |
| | IC904 | 1203-001943 | 7025 | IC-VOL DETECTOR |
| | IC202 | 1203-001944 | 78RM33 | IC-POSI.FIXED REG |
| | Q402 | 0505-001116 | BUZ73A | FET-SILICON |
| | IC903 | 1203-001944 | 78RM33 | IC-POSI.FIXED REG |
| F-BOX | IC06 | 1203-002000 | 7027 | IC-VOL DETECTOR |
| | IC11 | 0801-000662 | 74HC123 | IC-CMOS LIGIC |
| | IC03 | 1001-001082 | BA7657F | IC-VIDEO SWITCH |
| | IC10 | 1001-001177 | TEA6425D | IC-VIDEO SWITCH |
| | IC08 | 1203-001419 | 4931 | IC-VOLTAGE REGULATOR |
| | IC05 | 1203-002186 | 18, DPAK | IC-POSI.FIXED REG |

| Block | Des-Loc | Part-Number | IC Name | Description |
|---|---|---|---|---|
| F-BOX | IC07 | 1203-002351 | LF25C | IC-VOLTAGE REGULATOR |
| | IC02 | 1204-001814 | CXA2151Q | IC-SELECTOR |
| | IC09 | 1204-001935 | UPD64083GF | IC-SEPARATOR |
| | IC01 | 1204-001938 | VSP9407B-B11 | IC-DECODER |
| | IC04 | 1204-001989 | CXA2165Q | IC-VIDEO PROCESS |
| 29"34" CRT | QF10 | 0502-000153 | SC2344-D | TR-POWER |
| | QF09 | 0502-000131 | 2SA1011-D | TR-POWER; |
| | IC501 | 1201-001131 | 6111Q | IC-VIDEO AMP |
| | IC502 | 1201-001131 | 6111Q | IC-VIDEO AMP |
| | IC503 | 1201-001131 | 6111Q | IC-VIDEO AMP |
| | IC504 | 1201-000010 | 2030 | IC-OP AMP |
| 32" CRT | IC505 | 1203-000165 | 78R12 | IC -POSI.ADJUST REG |
| | QF10 | 0502-000153 | 2SC2344-D | TR-POWER |
| | QF09 | 0502-000131 | 2SCA1011-D | TR-POWER |
| | IC501 | 1201-001588 | 6120Q | IC-VIDEO AMP |
| | IC502 | 1201-001588 | 6120Q | IC-VIDEO AMP |
| | IC503 | 1201-001588 | 6120Q | IC-VIDEO AMP |
| | IC504 | 1201-000010 | 2030 | IC-OP AMP |

# 3. Specifications

| | |
|---|---|
| **Broadcasting System** | NTSC-M |
| **Tuning System** | Electronic Remote Control System |
| **Receiving Channels** | VHF (CH 2 ~ 13) |
| | UHF (CH 14 ~ 69) |
| | CATV (CH 1, 14 ~ 125) |
| **ANTENNA INPUT RESISTANCE** | VHF, UHF 75 unbalanced |
| **Intermediate Frequency** | Video: 45.75 MHz |
| | Sound: 41.25 MHz |
| | Chrominance Subcarrier: 42.17 MHz |
| **Power Supply** | AC 120V, 60Hz |

# MEMO

# 4. Alignment and Adjustments

## 4-1 Adjustments

### 4-1-1 General Alignment Instructions

Usually, a color TV needs only slight touch-up adjustment upon installation. Check the basic characteristics such as vertical size, horizontal size, and focus. Observe the picture and check for good black and white details. There must be no objectionable color shading: If color shading is present, demagnetize the receiver. If color shading persists, re-do purity and convergence adjustments.

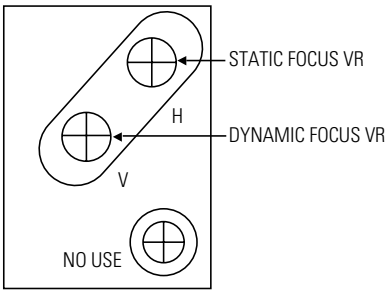
**Note :**
1. This '4. Alignment and Adjustments' applies to KS4A chassis applications.
2. AC Power Supply: 220 V only
3. This service manual has been written on the basis of domestic remote-control model adopting KS4A chassis. Depending on sales location and product specifications, some of specifications herein may be changed.

### 4-1-2 Focus Adjustment

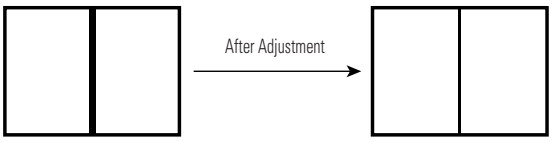
KS4A contains a dynamic focus circuit. When CRT PCB, FBT or CRT is replaced, be sure to adjust in the following sequence:

**Dynamic Focus Adjustment**

1. Input a crosshatch pattern.
2. Select "Standard" from the menu,
3. Turn the Static Focus VR clockwise to set it to its maximum.
4. Turn the Dynamic Focus VR counterclockwise to set it to its maximum.
5. Turn the Static Focus VR counterclockwise slowly for the clearest center vertical line.



<FBT FOCUS PACK>




6. Turn the Dynamic Focus VR clockwise slowly for the clearest third line.

7. Check for the FOCUS of entire screen. If necessary, re-do adjustments 3~6.

### 4-1-3 Screen Voltage Adjustment

1. Enter the Service Mode by pressing the remote control keys in the following sequence
   : Power Off → Mute → 1 → 8 → 2 Power On
2. Initialize all set data.
3. Input a Toshiba pattern.
4. Use an oscilloscope to identify RK, BK, GK. And then adjust FBT Screen VR so that the voltage of pedestal level doesn't exceed 175V.
   If a Toshiba pattern is not available, cancel the blue screen and input "No Signal" to AV IN so the voltage of pedestal level doesn't exceed 188V.
   If an oscilloscope is not available, use a DC multi-meter in No Signal (black screen) to adjust RK, BK, GK so that the highest voltage becomes 175Vp-p.

### 4-1-4 White Balance Adjustment

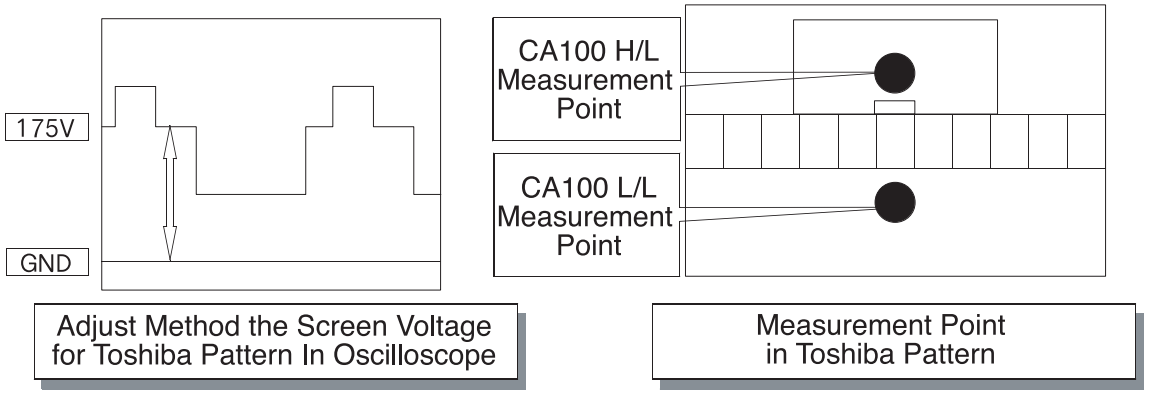
1. Warm up the TV set for at least 30 minutes.
2. Enter the Service Mode by pressing the remote control keys in the following sequence: Power Off -> Mute → 1 → 8 → 2 → Power On
3. Initialize all set data.
4. Input a Toshiba pattern.
5. Using a probe (CA100), do the White Balance adjustments.

   a) Adjust Low-Light.
   - Adjust Sub Brightness to set Y.
   - Adjust B Cutoff to set y.
   - Adjust R Cutoff to set x.

   b) Adjust High-Light.
   - Adjust Sub Contrast to set Y.
   - Adjust B Drive to set y.
   - Adjust R Drive to set x.

   c) Check the value of Low-Light. If necessary, readjust Low-Light.

   d) Check the value of High-Light. If necessary, readjust High-Light.15


175V
GND
CA100 H/L Measurement Point
CA100 L/L Measurement Point
Adjust Method the Screen Voltage for Toshiba Pattern In Oscilloscope
Measurement Point in Toshiba Pattern

### 4-1-5 When adjusting Screen Voltage and White Balance

1. Screen Voltage and White Balance are related each other. Make sure both adjustments are correct.
2. Adjust Screen Voltage before White Balance Adjustments. Make sure Screen Voltage is correct.
3. If White Balance has been readjusted, re-check Screen Voltage.
4. After adjustments are complete, check the following.
   - If spots appear on the screen after pressing the Power On/Off key, readjust Screen Voltage.
   - If flyback lines appear on the screen, readjust Screen Voltage.

## 4-2 MICOM PORT

<table>
<tr><th>PIN</th><th>FUNCTION</th><th>FIRST STATE</th><th>ASSIGNMENT</th></tr>
<tr><td>1</td><td>W-PORT</td><td>HIGH</td><td>- RESET Control jack during E2PROM latch UP (Function: Low)SERIAL H</td></tr>
<tr><td>2</td><td>ROM SDA</td><td>SERIAL H</td><td>- E2PROM only SDA LINE</td></tr>
<tr><td>3</td><td>ROM SCL</td><td>SERIAL H</td><td>- E2PROM only SCL LINE</td></tr>
<tr><td>4</td><td>BUS-STOP</td><td>HIGH</td><td>- Automation and after-sales service related BUS STOP (STOP: LOW)</td></tr>
<tr><td>5</td><td>MAIN SDA</td><td>SERIAL H</td><td>- CXA2150Q / CXA2151Q /VSP940X / BA7657F / MSP34XX / TUNER Control jack</td></tr>
<tr><td>6</td><td>MAIN SCL</td><td>SERIAL H</td><td>- CXA2150Q / CXA2151Q /VSP940X / BA7657F / MSP34XX / TUNER Control jack</td></tr>
<tr><td>7</td><td>S-RESET</td><td>HIGH</td><td>- Reset when MSP34XX IC (SOUND PROCESS IC) has an error (Active: LOW)</td></tr>
<tr><td>8</td><td>V-RESET</td><td>HIGH</td><td>- Reset when VSP940X IC (1-chip IC) has an error</td></tr>
<tr><td>9</td><td>VDD 2.5V</td><td>HIGH</td><td></td></tr>
<tr><td>10</td><td>GND</td><td></td><td>- Analog GND</td></tr>
<tr><td>11</td><td>VDD 3.3V</td><td>HIGH</td><td></td></tr>
<tr><td>12</td><td>CVBS IN</td><td>IV p-p</td><td>- TTX and USA Caption Input source Line ( 1V p-p)</td></tr>
<tr><td>13</td><td>VDD 2.5V</td><td>HIGH</td><td></td></tr>
<tr><td>14</td><td>GND</td><td></td><td></td></tr>
<tr><td>15</td><td>AFT</td><td></td><td>- Main AFT Control jack ( 0 - 3.3V)</td></tr>
<tr><td>16</td><td>SC1-ID</td><td></td><td rowspan="2"><table><tr><td rowspan="2"></td><td rowspan="2">TV MODE</td><td colspan="2">AV MODE</td></tr><tr><td>16 : 9 MODE</td><td>4 : 3 MODE</td></tr><tr><td>RANGE</td><td>0 ~ 2V</td><td>4.5 ~ 7V</td><td>9.5 ~ 12V</td></tr></table></td></tr>
<tr><td>17</td><td>SC-2-ID</td><td></td></tr>
<tr><td>18</td><td>KEY-1</td><td>HIGH</td><td><table><tr><td></td><td>MENU</td><td>VOL-</td><td>VOL+</td><td>CH-</td><td>CH+</td></tr><tr><td>PHILIPS</td><td>0 ~ 0.1V</td><td>0.1 ~ 0.7V</td><td>0.7V ~ 13V</td><td>1.3V ~ 1.9V</td><td>0.9 ~ 2.4V</td></tr></table></td></tr>
<tr><td>19</td><td>H-SYNC</td><td>POSITIVE</td><td>- MICOM "H-SYNC" Input, POSITIVE Input (3.3 V p-p)</td></tr>
<tr><td>20</td><td>V-SYNC</td><td>POSITIVE</td><td>- MICOM "V-SYNC" Input, POSITIVE Input (3.3 V p-p)</td></tr>
<tr><td>21</td><td>KEY-3</td><td>HIGH</td><td>- Power ON/OFF Control jack</td></tr>
<tr><td>22</td><td>KEY-2</td><td>HIGH</td><td>- TV/VIDEO switching control jack</td></tr>
<tr><td>23</td><td>X-RAY</td><td>HIGH</td><td>- Function: Low</td></tr>
<tr><td>24</td><td>IR-IN</td><td></td><td>- Remote Control Input Jack</td></tr>
<tr><td>25</td><td>STD-LED</td><td>HIGH</td><td>- STANDBY: Hight,  OFF: LOW</td></tr>
<tr><td>26</td><td>TIM-LED</td><td>LOW</td><td>- TIME ON: H  TIME OFF: L</td></tr>
<tr><td>27</td><td>RELAY</td><td></td><td>- DEGAUSSING COIL CONTROL: Based on standard specifications</td></tr>
<tr><td>28</td><td>SW1</td><td>HIGH</td><td>-  H: IN1, L: IN2  (BA7657F) PIN (#16) Control jack</td></tr>
<tr><td>29</td><td>GND</td><td></td><td></td></tr>
<tr><td>30</td><td>VDD 3.3V</td><td>HIGH</td><td></td></tr>
<tr><td>31(33)</td><td>RESET</td><td>LOW</td><td>- Reset active : HIGH</td></tr>
<tr><td>32(34)</td><td>X-IN</td><td></td><td>- Crystal oscillation input jack</td></tr>
<tr><td>33(35)</td><td>X-OUT</td><td></td><td>- Crystal oscillation output jack</td></tr>
<tr><td>34(36)</td><td>GND</td><td></td><td></td></tr>
<tr><td>35(37)</td><td>VDD 2.5V</td><td>HIGH</td><td></td></tr>
<tr><td>36(38)</td><td>OSD-R</td><td>1.2V p-p</td><td>- OSD R-OUT OUTPUT jack (0.38V p-p) ,half tone: 0.9V p-p</td></tr>
<tr><td>37(39)</td><td>OSD-G</td><td>1.2V p-p</td><td>- OSD G-OUT OUTPUT jack (0.38V p-p) ,half tone: 0.9V p-p</td></tr>
</table>

<table>
<tr><th>PIN</th><th>FUNCTION</th><th>FIRST STATE</th><th>ASSIGNMENT</th></tr>
<tr><td>37(40)</td><td>OSD-B</td><td>1.2V p-p</td><td>- OSD B-OUT OUTPUT jack (0.38V p-p) ,half tone: 0.9V p-p</td></tr>
<tr><td>38(41)</td><td>CORE</td><td>0.9V p-p</td><td>- OSD F/B OUTPUT jack (Clamped at SAND PULSE, Half Tone: "LOW")</td></tr>
<tr><td>39(42)</td><td>VDD 2.5V</td><td>HIGH</td><td></td></tr>
<tr><td>40(43)</td><td>GND</td><td></td><td></td></tr>
<tr><td>41(44)</td><td>VDD 3.3V</td><td>HIGH</td><td></td></tr>
<tr><td>42(45)</td><td>PX, Y</td><td>HIGH</td><td>- V-SYNC INPUT</td></tr>
<tr><td>43(46)</td><td>PX, Y</td><td>HIGH</td><td>- F/B INPUT JACK</td></tr>
<tr><td>44(47)</td><td>SW3</td><td>H</td><td rowspan="2"><table><tr><th>F1</th><th>F0</th><th>fH</th></tr><tr><td>L</td><td>M</td><td>1.75KHz (480i/480P)</td></tr><tr><td>M</td><td>L</td><td>33.75KHz (1080i)</td></tr></table>LOW: GNDHIGH : OPEN STATUS<br>Initially, these pins select an input source at LOW state</td></tr>
<tr><td>45(48)</td><td>SW2</td><td>L</td></tr>
<tr><td>46(49)</td><td>S-MUTE</td><td></td><td>- System (NTSC/PAL) MUST be separated</td></tr>
<tr><td>47(50)</td><td>POWER</td><td></td><td>- Active "LOW"</td></tr>
<tr><td>48(51)</td><td>H.P-ID</td><td></td><td>- 1080I control jack: 1080i (LOW), RF (High)</td></tr>
<tr><td>49(52)</td><td>TILT</td><td>HIGH</td><td>- Magnetic field control</td></tr>
</table>

# 4-3 Factory Adjustment Values and White Balance Settings

## 4-3-1 Factory Adjustment Values

**SERVICE**
Deflection
480P Offset
1080i Offset
PC Offset
Video Adjust 1
Video Adjust 2
Option (2EH 00H)
Reset

## 4-3-2 White Balance Settings

| W/B Value \ | SDI CRT | LG CRT | TOSHIBA CRT | SDI CRT | SDI CRT | SDI CRT | SDI CRT | TOSHIBA CRT |
|---|---|---|---|---|---|---|---|---|
| INCH | 29" WIDE | 32" WIDE | 34" FLAT | 32" WIDE | 34" FLAT | 29" FLAT | 32" WIDE | 34" FLAT |
| Model | TXM2796HFX<br>TXM2796HFX<br>TXM2798HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | CT29Z7PGX | CT32Z7PGX | CT34Z7PGX |
| H | 275/265 45FL | 275/265 50FL | 275/265 40FL | 275/265 45FL | 275/265 40FL | 275/265 45FL | 275/265 45FL | 275/265 40FL |
| L | 275/265 1.0FL | 275/265 1.5FL | 275/265 1.0FL | 275/265 1.0FL | 275/265 1.0FL | 275/265 1.0FL | 275/265 1.0FL | 275/265 1.0FL |

## 4-4 Functions of Each Port in Service Mode

### DEFLECTION

: Fixed Value

| ITEM \ Model | SDI CRT | LG CRT | TOSHIBA CRT | SDI CRT | SDI CRT | SDI CRT | SDI CRT | TOSHIBA CRT |
|---|---|---|---|---|---|---|---|---|
| INCH | 29" WIDE | 32" WIDE | 34" FLAT | 32" WIDE | 34" FLAT | 29" FLAT | 32" WIDE | 34" FLAT |
| | TXM2796HFX<br>TXM2796HFX<br>TXM2798HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | CT29Z7PGX | CT32Z7PGX | CT34Z7PGX |
| V-AMP | 45 | 30 | 50 | 30 | 42 | 45 | 30 | 50 |
| V-SHIFT | 26 | 30 | 28 | 30 | 29 | 26 | 30 | 28 |
| H-EW | 46 | 30 | 30 | 30 | 20 | 46 | 30 | 30 |
| H-SHIFT | 27 | 25 | 25 | 30 | 31 | 27 | 30 | 25 |
| V-LIN | 5 | 6 | 5 | 6 | 10 | 5 | 6 | 5 |
| UP-LIN | 6 | 4 | 7 | 4 | 15 | 6 | 4 | 7 |
| LOW-LIN | 6 | 4 | 7 | 4 | 5 | 6 | 4 | 7 |
| V-SC | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 3 |
| H-PAR | 24 | 32 | 40 | 32 | 45 | 24 | 32 | 40 |
| UP-COR | 27 | 35 | 40 | 35 | 38 | 27 | 35 | 40 |
| LOW-COR | 26 | 35 | 35 | 35 | 41 | 26 | 35 | 35 |
| H-TRA | 37 | 35 | 45 | 35 | 28 | 37 | 35 | 45 |
| BOW | 32 | 30 | 32 | 30 | 31 | 32 | 30 | 32 |
| ANGLE | 32 | 32 | 32 | 32 | 30 | 32 | 32 | 32 |
| V-POSI | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| CXA Left BLK | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| CXA Right BLK | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |

## 480P OFFSET

| ITEM \ Model | SDI CRT | LG CRT | TOSHIBA CRT | SDI CRT | SDI CRT | SDI CRT | SDI CRT | TOSHIBA CRT |
|---|---|---|---|---|---|---|---|---|
| INCH | 29" WIDE | 32" WIDE | 34" FLAT | 32" WIDE | 34" FLAT | 29" FLAT | 32" WIDE | 34" FLAT |
| | TXM2796HFX<br>TXM2796HFX<br>TXM2798HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | CT29Z7PGX | CT32Z7PGX | CT34Z7PGX |
| V-AMP | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 2 |
| V-SHIFT | -2 | -1 | -1 | -1 | 0 | -2 | -1 | -1 |
| H-EW | 7 | 6 | 4 | 6 | 4 | 7 | 6 | 4 |
| H-SHIFT | 8 | 3 | 8 | 3 | 4 | 8 | 3 | 8 |
| V-LIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UP-LIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LOW-LIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V-SC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H-PAR | 0 | 2 | -2 | 2 | -2 | 0 | 2 | -2 |
| UP-COR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LOW-COR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H-TRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANGLE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V-POSI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CXA Left BLK | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| CXA Right BLK | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |

## 1080i OFFSET

| ITEM \ Model | SDI CRT | LG CRT | TOSHIBA CRT | SDI CRT | SDI CRT | SDI CRT | SDI CRT | TOSHIBA CRT |
|---|---|---|---|---|---|---|---|---|
| INCH | 29" WIDE | 32" WIDE | 34" FLAT | 32" WIDE | 34" FLAT | 29" FLAT | 32" WIDE | 34" FLAT |
| Model | TXM2796HFX<br>TXM2796HFX<br>TXM2798HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | CT29Z7PGX | CT32Z7PGX | CT34Z7PGX |
| V-AMP | -14 | -13 | -15 | -13 | -12 | -14 | -13 | -15 |
| V-SHIFT | -5 | -4 | -4 | -4 | -3 | -5 | -4 | -4 |
| H-EW | 8 | 0 | 10 | 0 | 9 | 8 | 0 | 10 |
| H-SHIFT | 1 | -1 | -1 | -1 | -1 | 1 | -1 | 1 |
| V-LIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UP-LIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LOW-LIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V-SC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H-PAR | 0 | -7 | -3 | -7 | 7 | 0 | -7 | -3 |
| UP-COR | 0 | -3 | 0 | -3 | -1 | 0 | -3 | 0 |
| LOW-COR | -2 | -1 | 0 | -1 | 1 | -2 | -1 | 0 |
| H-TRA | 3 | -3 | -3 | -3 | -3 | 3 | -3 | -3 |
| BOW | 4 | 0 | -2 | 0 | 1 | 4 | 0 | -2 |
| ANGLE | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| V-POSI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CXA Left BLK | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| CXA Right BLK | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |

## PC OFFSET

| ITEM \ Model | SDI CRT | LG CRT | TOSHIBA CRT | SDI CRT | SDI CRT | SDI CRT | SDI CRT | TOSHIBA CRT |
|---|---|---|---|---|---|---|---|---|
| INCH | 29" WIDE | 32" WIDE | 34" FLAT | 32" WIDE | 34" FLAT | 29" FLAT | 32" WIDE | 34" FLAT |
| | TXM2796HFX<br>TXM2796HFX<br>TXM2798HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | CT29Z7PGX | CT32Z7PGX | CT34Z7PGX |
| V-AMP | * | * | * | * | * | -22 | -16 | -16 |
| V-SHIFT | * | * | * | * | * | 0 | 0 | 0 |
| H-EW | * | * | * | * | * | -26 | -20 | -21 |
| H-SHIFT | * | * | * | * | * | 19 | 18 | 16 |
| V-LIN | * | * | * | * | * | 0 | 0 | 0 |
| UP-LIN | * | * | * | * | * | 0 | 0 | 0 |
| LOW-LIN | * | * | * | * | * | 0 | 0 | 0 |
| V-SC | * | * | * | * | * | 0 | 0 | 0 |
| H-PAR | * | * | * | * | * | 8 | 4 | 7 |
| UP-COR | * | * | * | * | * | 2 | 5 | 2 |
| LOW-COR | * | * | * | * | * | 2 | 2 | 2 |
| H-TRA | * | * | * | * | * | 0 | 0 | 0 |
| BOW | * | * | * | * | * | 0 | 0 | 0 |
| ANGLE | * | * | * | * | * | 0 | 0 | 0 |
| V-POSI | * | * | * | * | * | 0 | 0 | 0 |
| CXA Left BLK | * | * | * | * | * | 20 | 20 | 20 |
| CXA Right BLK | * | * | * | * | * | 10 | 10 | 10 |

## VIDEO ADJUST 1

: Fixed Value

| ITEM \ Model | SDI CRT | LG CRT | TOSHIBA CRT | SDI CRT | SDI CRT | SDI CRT | SDI CRT | TOSHIBA CRT |
|---|---|---|---|---|---|---|---|---|
| INCH | 29" WIDE | 32" WIDE | 34" FLAT | 32" WIDE | 34" FLAT | 29" FLAT | 32" WIDE | 34" FLAT |
| | TXM2796HFX<br>TXM2796HFX<br>TXM2798HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | CT29Z7PGX | CT32Z7PGX | CT34Z7PGX |
| R-Cutoff | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| G-Cutoff | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| B-Cutoff | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| Color on/off | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CR offset | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| CB offset | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| R-Drive | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| G-Drive | 32 | 24 | 32 | 32 | 32 | 32 | 32 | 32 |
| B-Drive | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| Sub-Bright | 23 | 25 | 10 | 20 | 10 | 23 | 20 | 10 |
| Sub-Contrast | 10 | 10 | 10 | 10 | 5 | 10 | 10 | 10 |
| Sub-Color | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Sub-Tint | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| CTI-Level | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| COL AXIS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| LTI-Level | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| PC DPIC Level | * | * | * | * | * | 0 | 0 | 0 |
| PC DC Trans | * | * | * | * | * | 0 | 0 | 0 |
| PC VM Level | * | * | * | * | * | 0 | 0 | 0 |

## VIDEO ADJUST21

| ITEM \ Model | SDI CRT | LG CRT | TOSHIBA CRT | SDI CRT | SDI CRT | SDI CRT | SDI CRT | TOSHIBA CRT |
|---|---|---|---|---|---|---|---|---|
| INCH | 29" WIDE | 32" WIDE | 34" FLAT | 32" WIDE | 34" FLAT | 29" FLAT | 32" WIDE | 34" FLAT |
| | TXM2796HFX<br>TXM2796HFX<br>TXM2798HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | CT29Z7PGX | CT32Z7PGX | CT34Z7PGX |
| ABL Mode | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Gamma | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 |
| DPIC Level | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| DC Trans | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ABL-TH | 7 | 12 | 7 | 15 | 15 | 7 | 12 | 7 |
| VM-Level | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 |
| VM-Coring | 1 | 0 | 0 | 3 | 0 | 1 | 0 | 0 |
| VM-f0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| VM-Limit | 3 | 3 | 0 | 3 | 0 | 3 | 3 | 0 |
| VM-Delay | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 1 |
| SHP CD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SHP f0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SHP f1&p/o | 11 | 14 | 4 | 14 | 14 | 11 | 14 | 4 |
| AKB Time | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| YC Delay | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| PIP YC Delay | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Band Pass F | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 |
| High Pass F | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 3 |

## VIDEO ADJUST 3

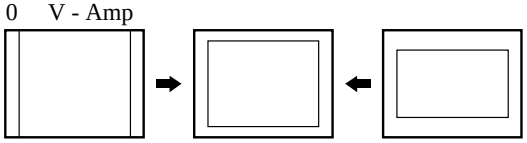
| ITEM \ Model | SDI CRT | LG CRT | TOSHIBA CRT | SDI CRT | SDI CRT | SDI CRT | SDI CRT | TOSHIBA CRT |
|---|---|---|---|---|---|---|---|---|
| INCH | 29" WIDE | 32" WIDE | 34" FLAT | 32" WIDE | 34" FLAT | 29" FLAT | 32" WIDE | 34" FLAT |
| | TXM2796HFX<br>TXM2796HFX<br>TXM2798HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | TXM3096HFX<br>TXM3097HFX<br>TXM3098HFX | TXM3296HFX<br>TXM3297HFX<br>TXM3298HFX | CT29Z7PGX | CT32Z7PGX | CT34Z7PGX |
| VSU | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Melody Volume | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| H comp | 5 | 8 | 8 | 8 | 10 | 5 | 8 | 8 |
| V comp | 3 | 5 | 5 | 5 | 10 | 3 | 5 | 5 |
| PIN comp | 0 | 0 | 3 | 0 | 6 | 0 | 0 | 3 |
| AFC comp | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sync Phase | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NR Off Value | 7 | 7 | 5 | 7 | 5 | 7 | 7 | 5 |
| 480P CR | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| 480P CB | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| 480P S Color | 15 | 18 | 15 | 18 | 18 | 15 | 18 | 15 |
| 480P S Tint | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1080i CR | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 1080i CB | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 1080i S Color | 15 | 18 | 15 | 18 | 18 | 15 | 18 | 15 |
| 1080i S Tint | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| V-MUTE (X100ms) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| PC H Comp | * | * | * | * | * | 10 | 10 | 10 |
| PC V Comp | * | * | * | * | * | 5 | 5 | 5 |

## OPTION BYTE

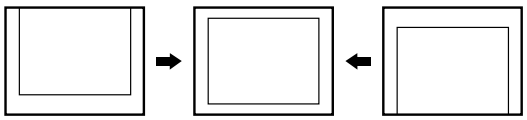
| Option \ Model | TXM3297HFX | TXM2796HFX TXM3296HFX | TXM2797HFX | TXM2798HFX TXM3298HFX | TXM3096HFX | TXM3097HFX | TXM3098HFX | CT29Z7PGX CT34Z7PGX | TXM3098HFX |
|---|---|---|---|---|---|---|---|---|---|
| 1. CRT | 4 : 3 | 4 : 3 | 4 : 3 | 4 : 3 | WIDE | WIDE | WIDE | 4 : 3 | WIDE |
| 2. PIP(D/W) | ON | OFF | OFF | ON | OFF | ON | ON | ON | ON |
| 3. 3D-COMB Filter | OFF | OFF | OFF | ON | OFF | OFF | ON | ON | ON |
| 4. Blue Screen | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 5. BBE Effect | ON | OFF | ON | ON | OFF | ON | ON | ON | ON |
| 6. Egualizer | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| 7. Auto Power On | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 8. Sytem | CT(EN+SP+FR) | CT(EN+SP+FR) | CT(EN+SP+FR) | CT(EN+SP+FR) | CT(EN+SP+FR) | CT(EN+SP+FR) | CT(EN+SP+FR) | CT(EN+SP+FR) | CT(EN+SP+FR) |
| 9. Virtual Dolby | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 10. ACS | ON | ON | ON | ON | ON | ON | ON | OFF | OFF |
| 11. V Chip (CT,CTA) | ON | ON | ON | ON | ON | ON | ON | OFF | OFF |
| 12. V Chip Area | USA | USA | USA | USA | USA | USA | USA | USA | USA |
| 13. SUB Woofer | OFF | OFF | OFF | ON | OFF | OFF | ON | ON | ON |
| 14. No Sync Mute | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 15. X-Ray | ON | ON | ON | ON | ON | ON | ON | OFF | OFF |
| 16. AGC | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 17. Turbo Effect | OFF | OFF | OFF | OFF | ON | OFF | OFF | OFF | OFF |
| 18. Burst Screen | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| 19. LNA Option | ON | OFF | OFF | ON | OFF | ON | ON | ON | ON |
| 20. PC Option | OFF | OFF | OFF | OFF | OFF | OFF | OFF | ON | ON |

## 4-8 Screen Change (I2C Bus Geometric Adjustment)

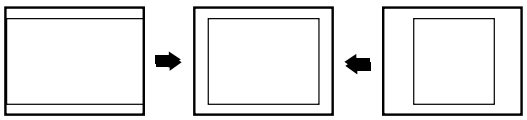
0 V - Amp



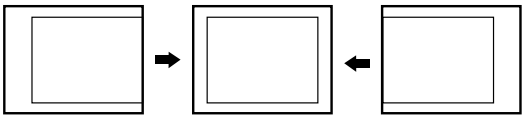
1 V-Shift



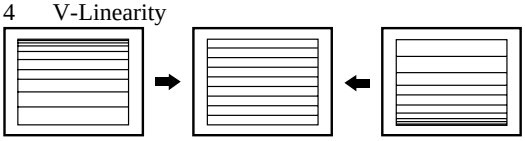
2 H-EW



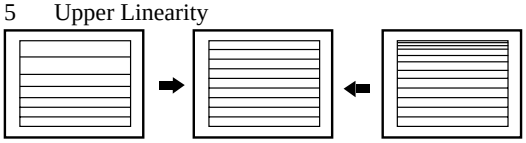
3 H-Shift



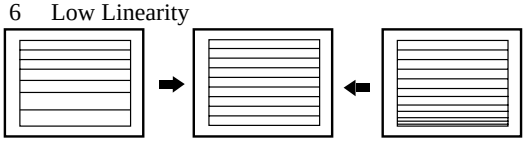
4 V-Linearity



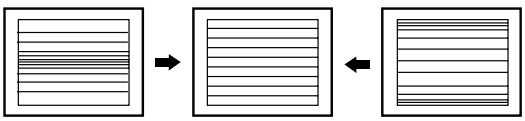
5 Upper Linearity



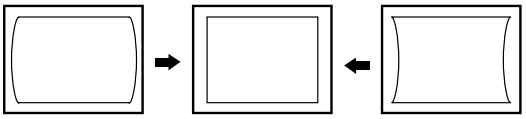
6 Low Linearity



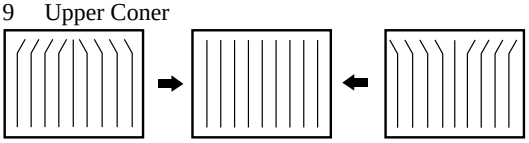
7 V SC



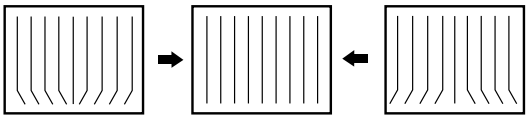
8 H-Parabola



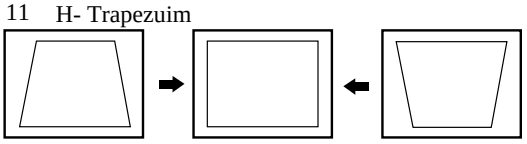
9 Upper Coner



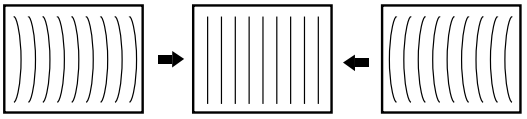
10 Low Coner



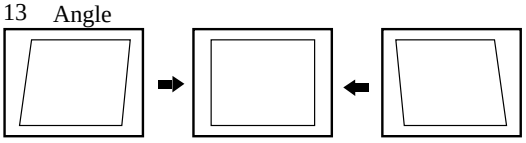
11 H- Trapezuim



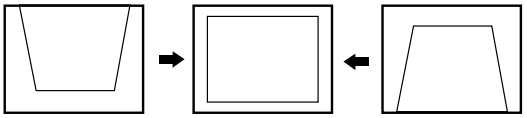
12 Bow



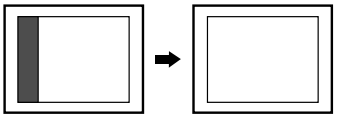
13 Angle



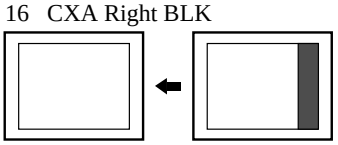
14 V Position



15 CXA Left BLK



16 CXA Right BLK

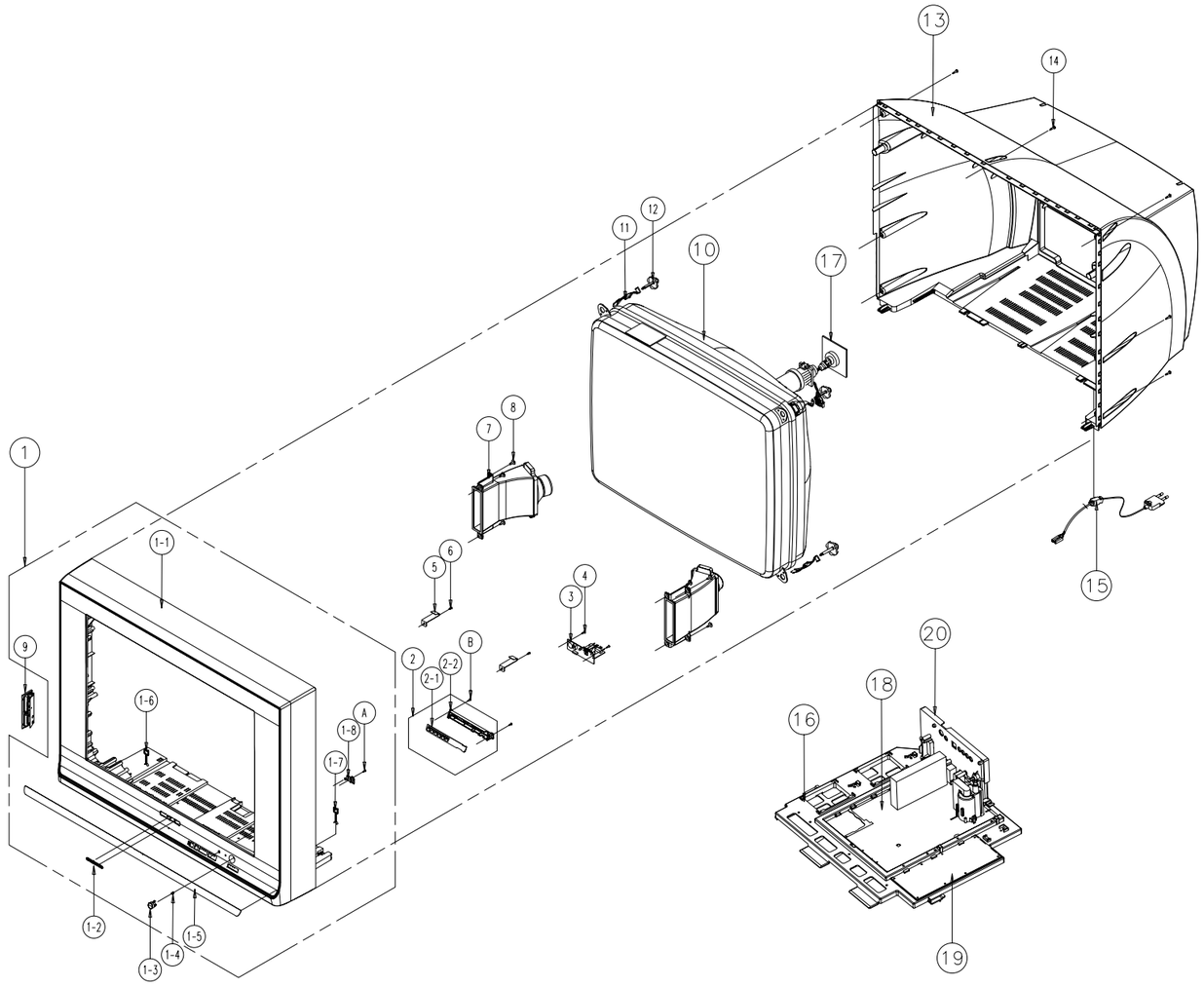


# MEMO

# 5. Exploded View & Parts List

## 5-1 TXN2771HFX/XAA

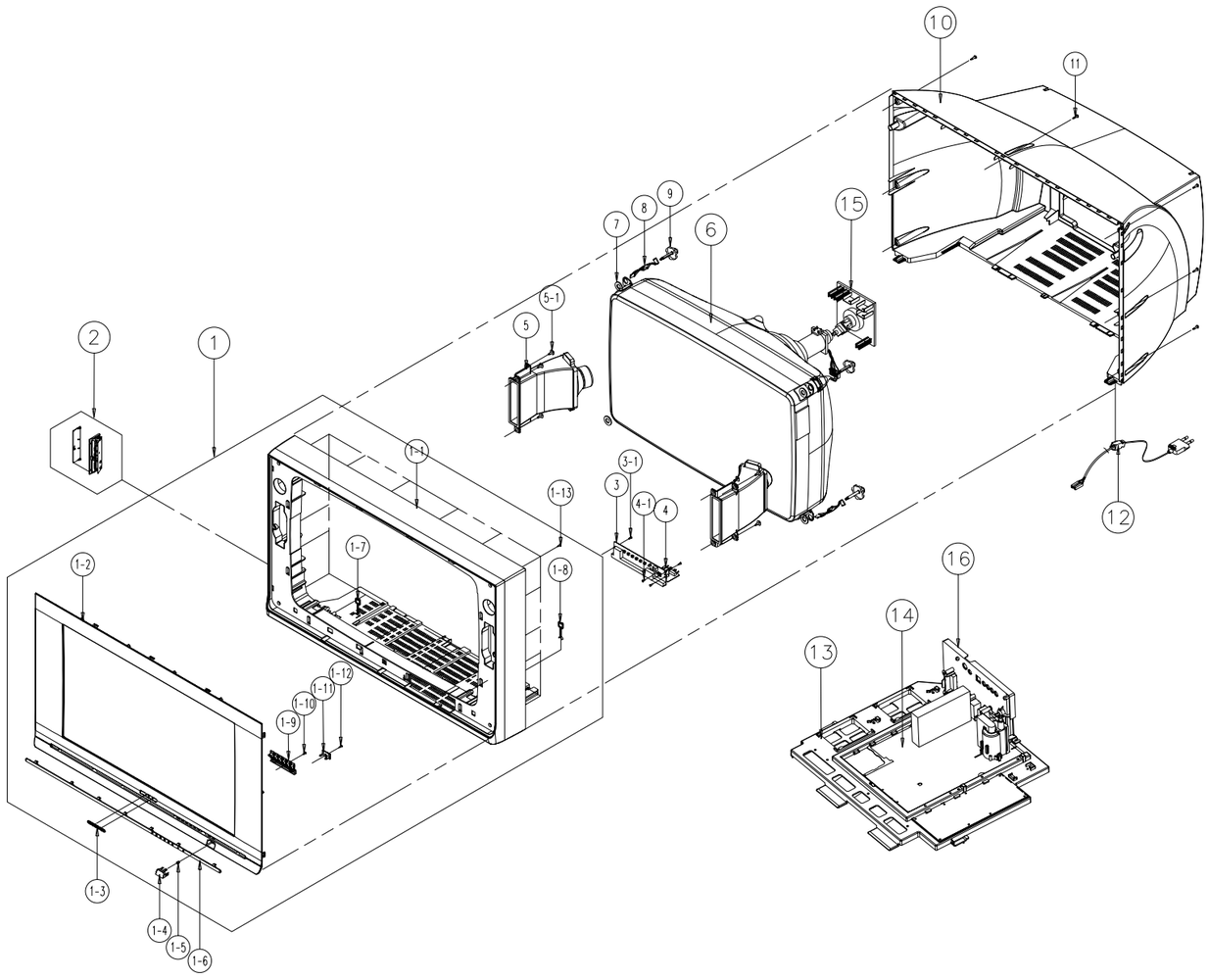
You can search for the updated part code through ITSELF web site.
URL : http://itself.sec.samsung.co.kr




| No | Code No | Description;Specification | Q'ty | Remark |
|---|---|---|---|---|
| 1 | AA96-01472A | ASSY COVER P-FRONT;29A10,ABS HB,W91499 | 1 | FC |
| 1-1 | AA64-03375A | CABINET-FRONT;S29A10,HIPS | 1 | CF |
| 1-2 | AA64-70117B | BADGE-BRAND;-,AL,-,-,L65,R2000,SILVER,SS | 1 | BADGE |
| 1-3 | AA64-03343A | KNOB-POWER;32A10,ABS,HB,G3676,SVM3012 | 1 | KP |
| 1-4 | AA61-60003J | SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-, | 1 | SPRING |
| 1-5 | AA64-03381A | INLAY-DECORATION;S29A10,PVC SHEET,T0.5 | 1 | ID |
| 1-6 | AA65-00011C | CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M | 1 | CWFC |
| 1-7 | AA65-30105A | CLAMP-WIRE;NYLON 66N,VO,NTR,15MM | 1 | CWFC |
| 1-8 | AA64-03337A | WINDOW-RMC,LED;32A10,A11,PC,CLR | 1 | WR |
| A | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | 1 | WRL+CF |
| 2 | AA96-01462A | ASSY BOARD P-FUNCTION;CT-29A10HR,FUNCTIO | 1 | T/PAD |
| 3 | AA96-01503A | ASSY PCB P-TACT S/W;TXN2771HF,K55A | 1 | APTS |
| 4 | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | 2 | HPC+CF |
| 5 | AA61-10054A | BRACKET-CRATER;-,STS304,-,T0.5 | 2 | BRK |
| 6 | 6002-000522 | SCREW-TAPPING;TH,+,2,M4,L15,ZP | 2 | BKC+CF |
| 7 | AA91-00507A | ASSY HOLDER SPK;-,-,8OHM/15W,-,ASSY HOLD | 1 | AHS |
| 8 | 6006-001095 | SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL) | 4 | AHS+CF |
| 9 | AA96-01502A | ASSY PCB P-SIDE A/V;TXM2771HFX,K55A | 1 | APAV |
| 10 | AA91-02173Q | ASSY CPT;A68QCP891X004,29,+380MG,ITC,CT | 1 | A/CPT |
| 11 | AA65-30017A | CLAMP-D,COIL;-,NYLON-66,V0,NTR,DADH300,2 | 2 | CDCOIL |
| 12 | AA60-10050V | SCREW-ASSY;WC,HH,+,M6,L30,SWRCH18A,ZPC(S | 4 | CRT+CF |
| 13 | AA64-03378A | CABINET BACK;S29A10,HIPS | 1 | BC |
| 14 | AA60-10050T | SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW | 7 | CB+CF |
| 15 | AA96-00156F | ASSY POWER CORD;EP2/YES(US),H/S 300mm,KJ | 1 | PWR/AC |
| 16 | AA61-01235A | HOLDER-CHASSIS;DP Z7,AA61-01190A | 1 | HC |
| 17 | AA96-01501A | ASSY PCB P;CRT,TXN2771HF,K55A | 1 | A/CRT |
| 18 | AA94-12670A | ASSY PCB MAIN;TXN2771HFX/XAA,K55A | 1 | A/MAIN |
| 19 | AA96-00974A | ASSY MISC P-DYNAMIC FOCUS;TXM3297,2797,K | 1 | A/DF |
| 20 | AA96-01519A | ASSY COVER P-TERMINAL BOARD;DP AA96-0141 | 1 | TBA |

## 5-2 TXN2670WHFXXAA

You can search for the updated part code through ITSELF web site.
URL : http://itself.sec.samsung.co.kr




| No | Code No | Description;Specification | Q'ty | Remark |
|---|---|---|---|---|
| 1 | AA96-01458A | ASSY COVER P-FRONT;DP 28A11,HIPS V0,G430 | 1 | FC |
| 1-1 | AA64-03366A | CABINET-FRONT;28A11,HIPS,V0 | 1 | CF |
| 1-2 | AA64-03368A | CABINET-MASK;28A11,HIPS,V0 | 1 | CMASK |
| 1-3 | AA64-01062B | BADGE BRAND;32Z5,AL FORGING,-,-,L65,-,SI | 1 | BADGE |
| 1-4 | AA64-03345A | KNOB-POWER;32A11,ABS,HB,G4309,SVM3012 | 1 | KP |
| 1-5 | AA61-60003J | SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-, | 1 | SPRING |
| 1-6 | AA63-00660A | COVER-DECORATION;28A11,ABS,HB,WHITE | 1 | CD |
| 1-7 | AA65-00011C | CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M | 1 | CWRF |
| 1-8 | AA65-30105A | CLAMP-WIRE;NYLON 66N,V0,NTR,15MM | 1 | CWRF |
| 1-9 | AA64-03648A | KNOB CONTROL;DP 28A11,AA64-03344A | 1 | KC |
| 1-10 | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | 2 | KC+CM |
| 1-11 | AA64-03338A | WINDOW-RMC,LED;32A11,PC,CLR | 1 | WR |
| 1-12 | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | 1 | WIN+CM |
| 1-13 | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | 18 | CF+CM |
| 2 | AA96-01365F | ASSY COVER P-HOLDER AV;ABS HB,G4309,SV01 | 1 | A/CAV |
| 2 | AA96-01502A | ASSY PCB P-SIDE A/V;TXM2771HFX,K55A | 1 | APAV |
| 3 | AA96-01509A | ASSY PCB P-CONTROL;TXN2670WHF,K55A | 1 | APC |
| 3-1 | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | 4 | PCB+CF |
| 5 | AA96-01461B | ASSY SPEAKER P;8ohm,28A11,10W,Semidome S | 1 | A/HSPK |
| 5-1 | 6006-001095 | SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL) | 4 | SPK+CF |
| 6 | AA91-05992C | ASSY CPT;TXN2670WFXXAA,K55A,(+400MG+230M | 1 | A/CPT |
| 7 | AA63-60004Y | SPACER-GUM,CRT;NTR RUBBER,T2.0,RED,-,ALL | 4 | S/GUM |
| 8 | AA65-00019A | CLAMP CORE-D,COIL;25-34,NYLON 66,V2,NTR | 4 | C/DCOI |
| 9 | AA60-10050V | SCREW-ASSY;WC,HH,+,M6,L30,SWRCH18A,ZPC(S | 4 | CRT+CF |
| 10 | AA90-04573A | ASSY COVER REAR;TXN2670WHFXXAA | 1 | A/CREA |
| 11 | 6003-001026 | SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR | 7 | CB+CF |
| 12 | AA96-00156F | ASSY POWER CORD;EP2/YES(US),H/S 300mm,KJ | 1 | PWR/AC |
| 13 | AA61-01235A | HOLDER-CHASSIS;DP Z7,AA61-01190A | 1 | HC |
| 14 | AA94-12678A | ASSY PCB MAIN;TXN2670WHFXXAA,K55A | 1 | A/MAIN |
| 15 | AA96-01590A | ASSY PCB P-CRT;29A11,K55A | 1 | A/CRT |
| 16 | AA65-00028A | TERMINAL-BOARD,ANT;,DP Z7,AA65-00025A VO | 1 | TBA |

# 6. Electrical Parts List

## 6-1 TXN2771HFX/XAA

You can search for the updated part code through ITSELF web site.
URL : http://itself.sec.samsung.co.kr

### ASSY CHASSIS

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| 1 | A/CHAS | AA91-05794Y | ASSY CHASSIS;TXN2771HFX/XAA,K55A | |
| ..2 | A/MAIN | AA94-12670A | ASSY PCB MAIN;TXN2771HFX/XAA,K55A | |
| ...3 | Q402 | 0505-001116 | FET-SILICON;BUZ73A,N,200V,22A,0.6ohm,40W | |
| ⚠ ...3 | PC801S | 0604-001038 | PHOTOCOUPLER;TR,130-260%,200MW | |
| ...3 | IC902 | 1103-001177 | IC-EEPROM24WC16,2048x8bit,DIP,8P,2.5V | |
| ⚠ ...3 | IC401 | 1202-000103 | IC-VOLTAGECOMP.393,DIP,8P,300MIL,DUAL, | |
| ⚠ ...3 | IC803 | 1203-001225 | IC-POSI.FIXEDREG.;78R09,TO-220,4P,-,PLA | |
| ...3 | IC601 | 1204-001967 | IC-SOUND PROCESSOR;MSP3420G-P0-B8,DIP,52 | |
| ⚠ ...3 | PT801S | 1404-001026 | THERMISTOR-PTC;7ohm,20%,-,290V,25A,-,ST | |
| ⚠ ...3 | NT802S | 1404-001045 | THERMISTOR NTC;4.7OHM,15%,2900K,35.0MW,T | |
| ⚠ ...3 | CY801S | 2201-002002 | C-CERAMIC,DISC;4700PF,20%,400V | |
| ...3 | C423 | 2306-000272 | C-FILM,MPPF;820nF,5%,400V,BK,29x25.5x18. | |
| ⚠ ...3 | CR405S | 2301-001343 | C-FILM,MPPF;3.9nF,5%,2kV,TP,29x9.5x16mm, | |
| ⚠ ...3 | CR406S | 2301-001343 | C-FILM,MPPF;3.9nF,5%,2kV,TP,29x9.5x16mm, | |
| ⚠ ...3 | CR407S | 2301-001398 | C-FILM,MPPF;3.3nF,5%,2kV,TP,29x8.5x1.5mm | |
| ...3 | C806 | 2306-000112 | C-FILM,MPPF;100NF,20%,250V,-,1 | |
| ...3 | C426 | 2306-000195 | C-FILM,MPPF;360NF,5%,400V,26.0 | |
| ⚠ ...3 | CX801S | 2306-000318 | C-FILM,MPPF;220NF,20%,250V,-,2 | |
| ⚠ ...3 | CX802S | 2306-000318 | C-FILM,MPPF;220NF,20%,250V,-,2 | |
| ...3 | C803 | 2401-001676 | C-AL;820uF,20%,250V,GP,-,35x40mm,10 | |
| ...3 | C815 | 2401-000822 | C-ELECTROLYTIC;CE04W200V220U-H | |
| ...3 | C820 | 2401-003419 | C-AL;2200uF,20%,50V,WT,TP,16X35.5mm | |
| ⚠ ...3 | RL801S | 3501-001053 | RELAY-POWER;5Vdc,530mW,10A,1FormA,15mS,5 | |
| ⚠ ...3 | FP801S | 3601-000293 | FUSE-CARTRIDGE;250V,5A,SLOW-BLOW,GLASS,5 | |
| ...3 | CN902 | 3711-003043 | CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH | |
| ...3 | CN905 | 3711-002642 | POST-HEADER;67094-003(AUTO) | |
| ...3 | JA701 | 3722-001765 | JACK-PIN;9P(9P),-,NI,YEL/GRN/WHT/BLU/RED | |
| ...3 | JA702 | 3722-001766 | JACK-PIN;7P(9P),-,NI,GN/WH/WH/BL/RD/RD/R | |
| ...3 | IC901 | AA97-14110A | ASSY MICOM;,K55A,SDA55XX,T_YSPT02_001,20 | |
| ....4 | IC901 | AA09-00041A | IC-MCU;SDA555X-OTP,SDA555X-OTP,-,-,52 | |
| ...3 | HIC401 | AA13-00094A | IC HYBRID;-,DDRI001A,SIP,5P,-,TP | |
| ⚠ ...3 | T801S | AA26-00010A | TRANS-SWITCHING;EER5345,HERCULES,90~264V | |
| ⚠ ...3 | T444S | AA26-00170A | TRANS FBT;FUJ-29H002F,29F,1.95MH,FERRIT | |
| ⚠ ...3 | T401 | AA26-50001S | TRANS-HORIZ.DRIVE;-,-,-,6.0mH,-,-,44uH,- | |
| ⚠ ...3 | LR403S | AA27-00070A | COIL LINEARITY;-,7uH,YL81 DR1518,11mm,17 | |
| ⚠ ...3 | LR405S | AA27-00096A | COIL HORIZ. WIDTH;-,10.0mH,DR15 X 27.5,U | |
| ...3 | L808 | AA27-00098A | COIL CHOKE;-,-,24uH,10%,-,0.1,3.0A,DR10X | |
| ⚠ ...3 | LR402S | AA27-10004F | COIL-CHOKE;-,56uH,K,-,2.5A,BK,-,DR12x15, | |
| ⚠ ...3 | LR404S | AA27-40001S | COIL-HORIZ.WIDTH;-,110uH,SB-5S8202.6,PI0 | |
| ⚠ ...3 | LX801S | AA29-00011A | FILTER LINE NOISE;CZ32W8,-,0.20MAX,1.5KV | |
| ⚠ ...3 | LX802S | AA29-00012A | FILTER LINE NOISE;CS29A6PF8X/HAC,-,0.1MA | |
| ⚠ ...3 | GT804S | AA39-20010B | LEAD-CONNECTOR,ASSY;-,YFH800-01,500MM,1P | |
| ...3 | R/WIRE | AA39-20536G | LEAD CONNECTOR ASSY;,1P,F,F,60MM,1617#22 | |
| ...3 | TAPE | 0203-001203 | TAPE-DOUBLE FACE;#4016,T1.6,W10,L1000,NT | |
| ⚠ ...3 | TU01S | AA40-00020A | TUNER-F/S;TCLN3181PA09A(S),NTSC,TR,181CH | |
| ...3 | H/COVE | AA61-00707B | HOLDER-COVER;ALL MODEL,NYLON-66 T1.0 V2, | |
| ...3 | MD201 | AA95-03206A | ASSY SUB PCB-NTSC F-BOX;DP 29A10,32A10.3 | |
| ⚠ ...3 | IC805 | AA96-00243K | ASSY H/S;-,REGULATOR,AA62-00045A,KA78R0 | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 1203-001006 | IC-VOLTAGEREGULATOR78R05,TO-220F,4P | |
| ....4 | | 6003-000335 | SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR | |
| ....4 | | AA62-00045A | HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-, | |
| ...3 | HC401 | BP96-00159A | ASSY HEAT SINK P;H/S,SCREW,FJL6920,FMP-3 | |
| ....4 | | 0205-001027 | OIL-SILICON;G746 | |
| ....4 | | 0402-001296 | DIODE-RECTIFIER;FMP-3FU,1500V,5A,T0-3PF | |
| ....4 | | 0502-001230 | TR-POWER;FJL6920YDTU,N,200000MW,TO-264 F | |
| ....4 | | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ....4 | | AA60-30001A | WASHER-PLATE;-,M3,ID3.5,15X8.5,T1.0,-,SB | |
| ....4 | | BH73-00028B | SILICON/RUBBER-HS;TV ALL,SILICON,26*30*T | |
| ....4 | | BP62-00015A | HEAT SINK-PS;WT-36Z4HR,A1050S,T2.0,86,80 | |
| ⚠ ...3 | D801S | AA96-00276C | ASSY H/S;-,BRIDGE ,AA62-00052A,GSIB660, | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 0402-001399 | DIODE-BRIDGE;GSIB660,600V,6A,SIP-4,BK | |
| ....4 | | 6003-000335 | SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR | |
| ....4 | | AA60-30003A | WASHER;-,-,-,-,T1.5,-,SBHG-1 | |
| ....4 | | AA62-00052A | HEAT SINK-PS;-,-,-,SILVER,HOLE 18.5mm, 2 | |
| ...3 | HC801 | BP96-00231A | ASSY HEAT SINK P;HS TR,SCREW,FML-G12S(3) | |
| ....4 | | 0205-001027 | OIL-SILICON;G746 | |
| ....4 | | 0402-000233 | DIODE-RECTIFIER;FML-G12S,200V, | |
| ....4 | | 0402-001230 | DIODE-RECTIFIERFMG-G2CS,1000V,3A,TO-22 | |
| ....4 | | 1203-002587 | IC-POSI.FIXED REG.;KA278R05TU,TO-220,4P, | |
| ....4 | | 6003-000334 | SCREW-TAPTITE;RH,+,2S,M3,L6,ZP | |
| ....4 | | BP62-00029A | HEAT SINK-PS;CT-29A10,A1050S,T2.0,40,89, | |
| ...3 | IC602 | AA96-50369D | ASSY H/S;-,SOUND,AA62-30181F,TDA7269,HER | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 1201-001385 | IC-POWER AMP;7269A,ZIP,11,19.6,DUAL,13,P | |
| ....4 | | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ....4 | | AA62-30181F | HEAT-SINK,ES;-,AL6063 EXTR.,2,WHT,50MM,- | |
| ⚠ ...3 | IC801S | AA96-50371H | ASSY H/S;-,SMPS,AA62-30181H,5Q1565RF,HER | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 1203-002512 | IC-PWM CONTROLLER;KA5Q1565RF-YDTU,TO-3PF | |
| ....4 | | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ....4 | | AA61-11028A | BRACKET-IC;SECC,T1.0,-, | |
| ....4 | | AA62-30181H | HEATSINK-ES;-,AL6063EXTR.,2,WHT,50MM,- | |
| ...3 | IC301 | AA96-50381A | ASSY-H/S;-,-,AA62-30180B,LA7845,- | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 1204-000517 | IC-LINEAR;LA7845SIPVERTICALAMP | |
| ....4 | | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ....4 | | AA62-30180B | HEAT-SINK,ES;-,A6063 EXTR.,2,WHT,70MM,-, | |
| ...3 | Q804 | BH99-00007S | ASSY HEAT/SINK;KSC2073,MICOM,HERCULES,BH | |
| ....4 CIS | | 0205-001027 | OIL-SILICON;G746 | |
| ....4 CIS | | 0502-001007 | TR-POWER;KSC2073-H2,NPN,150V,1 | |
| ....4 CIS | | BH61-00004A | SPRING TR;SUS304,W1/2H,T0.4,W3.5 | |
| ....4 CIS | | BH62-00007A | HEAT SINK TR T1.0,L20*H30 CDA | |
| ...3 | Q404 | 0505-001723 | FET-SILICON;FQP630TSTU,N,200V,9A,0.4OHM, | |
| ⚠ ...3 | IC402 | 1203-000243 | IC-POSI.FIXEDREG.;7812,TO-220, | |
| ...3 | IC903 | 1203-001944 | IC-POSI.FIXEDREG.78RM33,TO-220,3P,PLAST | |
| ...3 | IC202 | 1203-001944 | IC-POSI.FIXEDREG.78RM33,TO-220,3P,PLAST | |
| ...3 | CN601 | 3711-002644 | POST-HEADER;67094-005(AUTO) | |
| ...3 | CN901 | 3711-002645 | POST-HEADER;67094-006(AUTO) | |
| ...3 | CN502 | 3711-002647 | POST-HEADER;67094-008(AUTO) | |
| ...3 | L/PQS | AA68-01018A | LABEL-PQS,-,50mmX,13,-,WHITE,- | |
| ⚠ ...3 | PWR/AC | AA96-00156F | ASSY POWER CORD;EP2/YES(US),H/S 300mm,KJ | |
| ....4 | WPVC | 3811-000401 | WIRE-VINYLU/C;1007-10#22(S)-BLK | |
| ....4 | PWCORD | AA39-10007Y | POWER-CORD;-,EP2/YES,SPT-2 18AWGx2C,2.4m | |
| ....4 | HOLD | AA61-20284A | HOLDER P CORD;PP,VO,BLK,KE-002 | |
| ....4 | B-T | AA63-10002B | BAND-TIE;-,NYLON66V2,-,-,L140,NTR,-,- | |
| ....4 | CORE1 | 3301-001201 | CORE-FERRITE;AE,230.5x10.25x36mm,1500,28 | |
| ...3 | | 0202-000008 | SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37 | |
| ...3 | | 0202-000187 | SOLDER-WIREFLUX;-,RS60S,D1.2,6 | |
| ...3 | | 0204-000442 | SOLVENT;CH3-CH5H-CH396%IM-1000 | |
| ...3 | | 0204-001024 | FLUX;DF-96TVS,-,20%,- | |
| ...3 | CN702 | 3711-003641 | CONNECTOR-HEADER;BOX,12P,1R,2. | |
| ...3 | C408 | 2301-001143 | C-FILM,PPF;56nF,5%,400V,TP,20x10x17,7.5 | |
| ...3 | X601 | 2801-004020 | CRYSTAL-UNIT;18.432MHz,30ppm,28-AAM,12pF | |
| ...3 | A/AUTO | AA97-13792L | ASSY AUTO-MAIN;TXM2711HFX/XAA,K55A | |
| ....4 | D201 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | D202 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | D207 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ⚠ ....4 | D405 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ⚠ ....4 | D410 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | D603 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | D604 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ⚠ ....4 | D805 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | DZ402 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ⚠ ....4 | D403 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |
| ⚠ ....4 | D406 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |
| ....4 | D607 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |
| ⚠ ....4 | D808 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |
| ....4 | D907 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ⚠ ....4 | D409 | 0402-000493 | DIODE-RECTIFIER;1R5GU41,400V,1 | |
| ⚠ ....4 | D402 | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | D404 | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | D408 | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | D411 | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | DR01S | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | D401 | 0402-000540 | DIODE-RECTIFIER;RU20A,600V,1.5 | |
| ....4 | D301 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ⚠ ....4 | D803 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ⚠ ....4 | D804 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ⚠ ....4 | D816 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ....4 | DZ404 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ601 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ603 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ605 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ808 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ902 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ903 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ907 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ908 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ909 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ910 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ901 | 0403-000510 | DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500 | |
| ....4 | DZ306 | 0403-000700 | DIODE-ZENER;TZP33A,33V,31-35V, | |
| ....4 | DZ804 | 0403-000700 | DIODE-ZENER;TZP33A,33V,31-35V, | |
| ....4 | DZ802 | 0403-000716 | DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m | |
| ....4 | DZ307 | 0403-001118 | DIODE-ZENER;MTZ30A,26.99-28.39 | |
| ....4 | DZ304 | 0403-001221 | DIODE-ZENER;UZ39BSB,35.36-37.19V,500MW,D | |
| ....4 | DZ806 | 0403-001317 | DIODE-ZENER;MTZJ3.0B,3.01-3.22V,500mW,DO | |
| ....4 | DZ602 | 0403-001322 | DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO | |
| ....4 | DZ801 | 0403-001322 | DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO | |
| ....4 | DZ401 | 0403-001325 | DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D | |
| ....4 | DZ803 | 0403-001327 | DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D | |
| ....4 | DZ302 | 0403-001329 | DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW, | |
| ....4 | DZ303 | 0403-001329 | DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW, | |
| ....4 | DZ305 | 0403-001329 | DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW, | |
| ....4 | DZ807 | 0403-001330 | DIODE-ZENER;MTZJ30A,26.99-28.39V,500mW,D | |
| ....4 | D902 | 0404-000156 | DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP | |
| ....4 | D903 | 0404-000156 | DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP | |
| ....4 | D904 | 0404-000156 | DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP | |
| ....4 | Q802 | 0501-000369 | TRANSISTOR;KSC2331-Y(TAPG) | |
| ....4 | Q601 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q603 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q801 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q803 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q901 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q906 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q907 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q908 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q911 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q912 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q913 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q914 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ⚠ ....4 | QR02S | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q915 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q805 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q909 | 0505-000109 | FET-SILICON;2N7000,N,60V,200mA,5ohm,400 | |
| ....4 | Q910 | 0505-000109 | FET-SILICON;2N7000,N,60V,200mA,5ohm,400 | |
| ⚠ ....4 | IC804 | 1203-001217 | IC-POST,ADJUSTREG;431,T0-92,3P,4.58MIL,P | |
| ....4 | IC904 | 1203-001943 | IC-VOL.DETECTOR;7025,T0-92,3P,PLASTIC | |
| ⚠ ....4 | VP801S | 1405-000187 | VARISTOR;750V,1250A,12.5x7mm,TP | |
| ⚠ ....4 | VX801S | 1405-000187 | VARISTOR;750V,1250A,12.5x7mm,TP | |
| ....4 | R303 | 2001-000016 | R-CARBON(S);1OHM,5%,1/2W,AA,TP | |
| ....4 | R801 | 2001-000019 | R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4m | |
| ....4 | R411 | 2001-000028 | R-CARBON(S);100OHM,5%,1/2W,AB, | |
| ....4 | R317 | 2001-000066 | R-CARBON(S);10KOHM,5%,1/2W,AA, | |
| ....4 | R810 | 2001-000109 | R-CARBON(S);470OHM,5%,1/2W,AA, | |
| ....4 | R624 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ....4 | R631 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ....4 | R822 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ....4 | R102 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R103 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R203 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R204 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R604 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R605 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R612 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R613 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R915 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R916 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R917 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R925 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R940 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R941 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R942 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R948 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R950 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R951 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R954 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R955 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R968 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R310 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R606 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R628 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R630 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R632 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R935 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R967 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R973 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ⚠ ....4 | RR10S | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R309 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R603 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R816 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R817 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R902 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R914 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R924 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R936 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R963 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R972 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R974 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ⚠ ....4 | RR08S | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R833 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP | |
| ....4 | R912 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP | |
| ....4 | R981 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP, | |
| ....4 | R982 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP, | |
| ....4 | R983 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP, | |
| ....4 | R984 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP, | |
| ....4 | R629 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R823 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R937 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R953 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R961 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R952 | 2001-000613 | R-CARBON;3.9KOHM,5%,1/8W,AA,TP | |
| ....4 | R911 | 2001-000628 | R-CARBON;300OHM,5%,1/8W,AA,TP, | |
| ....4 | R623 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP, | |
| ....4 | R633 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP, | |
| ....4 | R105 | 2001-000702 | R-CARBON;39KOHM,5%,1/8W,AA,TP, | |
| ....4 | R617 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R618 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R842 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R901 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R903 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R904 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R905 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R906 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R908 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R909 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R921 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R927 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R928 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R938 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R945 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R946 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R949 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R965 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R966 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R988 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R918 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R607 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R608 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R609 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | R614 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R615 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R616 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R809 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R812 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R813 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R919 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R920 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R958 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ⚠ ....4 | RR09S | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R910 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R960 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP, | |
| ....4 | R926 | 2001-000793 | R-CARBON;47OHM,5%,1/8W,AA,TP,1 | |
| ....4 | R841 | 2001-000812 | R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R106 | 2001-000864 | R-CARBON;56Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R101 | 2001-000869 | R-CARBON;560HM,5%,1/8W,AA,TP,1 | |
| ....4 | R922 | 2001-000924 | R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R913 | 2001-001015 | R-CARBON;9.1Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| ....4 | R907 | 2001-000995 | R-CARBON;820OHM,5%,1/8W,AA,TP, | |
| ....4 | R838 | 2001-001050 | R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | R423 | 2001-001055 | R-CARBON/METALFILM;RD1/2T1.8K-J | |
| ....4 | R419 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R421 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R626 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R627 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R314 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | R315 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | D601 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | D602 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | D605 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | D606 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | R820 | 2001-001096 | R-CARBON(S);2.2OHM,5%,1/2W,AA, | |
| ....4 | R418 | 2001-001114 | R-CARBON(S);270OHM,5%,1/2W,AA, | |
| ....4 | R316 | 2001-001129 | R-CARBON(S);330KOHM, 5%, 1/2W | |
| ....4 | R818 | 2001-001131 | R-CARBON(S);33KOHM,5%,1/2W,AA, | |
| ....4 | R634 | 2001-001146 | R-CARBON(S);4.7OHM,5%,1/2W,AA, | |
| ....4 | R635 | 2001-001146 | R-CARBON(S);4.7OHM,5%,1/2W,AA, | |
| ....4 | R805 | 2001-001150 | R-CARBON(S);470KOHM,5%,1/2W,AA | |
| ....4 | R806 | 2001-001150 | R-CARBON(S);470KOHM,5%,1/2W,AA | |
| ....4 | R301 | 2001-001163 | R-CARBON(S);560OHM,5%,1/2W,AA, | |
| ....4 | R432 | 2001-001164 | R-CARBON(S);56KOHM,5%,1/2W,AA, | |
| ....4 | R811 | 2001-001188 | R-CARBON(S);8.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | R808 | 2001-001197 | R-CARBON(S);910OHM,5%,1/2W,AB,TP,2.4X6.4 | |
| ⚠ ....4 | RP802S | 2002-001010 | R-COMPOSITION;1.8MOHM,5%,1/2W,AA,TP,3.7X | |
| ⚠ ....4 | RY801S | 2002-001012 | R-COMPOSITION;8.2MOhm,5%,1/2W,AA,TP,3.7X | |
| ....4 | R426 | 2003-000540 | R-METALOXIDE(S);1KOHM,5%,2W,AD | |
| ....4 | R433 | 2003-000540 | R-METALOXIDE(S);1KOHM,5%,2W,AD | |
| ....4 | R802 | 2003-000586 | R-METALOXIDE(S);22KOHM,5%,2W,A | |
| ....4 | R803 | 2003-000586 | R-METALOXIDE(S);22KOHM,5%,2W,A | |
| ....4 | R804 | 2003-000586 | R-METALOXIDE(S);22KOHM,5%,2W,A | |
| ....4 | R412 | 2003-000592 | R-METALOXIDE(S);22OHM,5%,2W,AD | |
| ....4 | R409 | 2003-000998 | R-METALOXIDE;300OHM,5%,2W,AF,T | |
| ....4 | R410 | 2003-000998 | R-METALOXIDE;300OHM,5%,2W,AF,T | |
| ....4 | R401 | 2003-001025 | R-METALOXIDE(S);15KOHM,5%,2W,A | |
| ....4 | R402 | 2003-001025 | R-METALOXIDE(S);15KOHM,5%,2W,A | |
| ....4 | R416 | 2003-001025 | R-METALOXIDE(S);15KOHM,5%,2W,A | |
| ....4 | R435 | 2003-001042 | R-METALOXIDE(S);5.6KOHM,5%,2W,AF,TP,3.9X | |
| ....4 | R403 | 2003-002064 | R-METALOXIDE;7.5OHM,5%,2W,AF,T | |
| ....4 | R434 | 2003-002064 | R-METALOXIDE;7.5OHM,5%,2W,AF,T | |
| ....4 | R305 | 2003-002157 | R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM | |
| ....4 | R306 | 2003-002157 | R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM | |
| ....4 | R830 | 2003-002157 | R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM | |
| ....4 | R835 | 2003-002181 | R-METAL OXIDE(S);68Kohm,5%,2W,AG,TP,3.9x | |
| ....4 | R428 | 2004-000698 | R-METAL;3.3KOHM,1%,1/4W,AA,TP, | |
| ....4 | R302 | 2004-001369 | R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4 | |
| ....4 | R308 | 2004-001369 | R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4 | |
| ⚠ ....4 | RR430S | 2004-001390 | R-METAL(S);1KOHM,2%,1/2W,AA,TP | |
| ....4 | R821 | 2004-001891 | R-METAL(S);133KOHM,1%,1/2W,AA, | |
| ....4 | R440 | 2004-001893 | R-METAL(S);22KOHM,1%,1/2W,AA,T | |
| ....4 | R415 | 2004-001983 | R-METAL;2.49KOHM,1%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R819 | 2004-001983 | R-METAL;2.49KOHM,1%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R420 | 2004-001987 | R-METAL;4.3KOHM,1%,1/2W,AA,TP, | |
| ....4 | R430 | 2004-002016 | R-METALFILM;RM1/2T(S)153-F15K | |
| ....4 | R431 | 2004-002016 | R-METALFILM;RM1/2T(S)153-F15K | |
| ....4 | R422 | 2008-000251 | R-FUSIBLE(S);0.27OHM,10%,2W,AF | |
| ....4 | R414 | 2008-000253 | R-FUSIBLE(S);0.47OHM,5%,1W,AF, | |
| ....4 | R815 | 2008-000284 | R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | R827 | 2008-000284 | R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M | |
| ....4 | R405 | 2008-001011 | R-FUSIBLE(S);0.18OHM,10%,2W,AF | |
| ....4 | R413 | 2008-001018 | R-FUSIBLE(S);0.47OHM,10%,2W,AF | |
| ....4 | R304 | 2008-001088 | R-FUSIBLE(S);1ohm,5%,2W,AG,TP,3.9x12mm | |
| ....4 | R307 | 2008-001088 | R-FUSIBLE(S);1ohm,5%,2W,AG,TP,3.9x12mm | |
| ....4 | R828 | 2008-001088 | R-FUSIBLE(S);1ohm,5%,2W,AG,TP,3.9x12mm | |
| ....4 | R424 | 2008-001109 | R-FUSIBLE(S);0.18ohm,10%,2W,AG,TP,3.9x12 | |
| ....4 | R425 | 2008-001109 | R-FUSIBLE(S);0.18ohm,10%,2W,AG,TP,3.9x12 | |
| ....4 | R829 | 2008-001148 | R-FUSIBLE;3.3OHM,5%,1W,AG,TP,3.9X12MM | |
| ....4 | C303 | 2201-000132 | C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM, | |
| ....4 | C424 | 2201-000132 | C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM, | |
| ....4 | C656 | 2201-000304 | C-CERAMIC,DISC0.001nF,0.25pF,50V,NP0,TP | |
| ....4 | C657 | 2201-000304 | C-CERAMIC,DISC0.001nF,0.25pF,50V,NP0,TP | |
| ....4 | C804 | 2201-000332 | C-CERAMIC,AC;CK45PTAPGE250V222 | |
| ....4 | C805 | 2201-000332 | C-CERAMIC,AC;CK45PTAPGE250V222 | |
| ....4 | C632 | 2201-000370 | C-CERAMIC,DISC;220PF,10%,50V,Y5P,TP | |
| ....4 | C828 | 2201-000374 | C-CERAMIC,DISC;220pF,5%,50V,CH,TP,12.5x3 | |
| ....4 | C401 | 2201-000556 | C-CERAMIC,DISC;470PF,10%,500V, | |
| ....4 | C403 | 2201-000556 | C-CERAMIC,DISC;470PF,10%,500V, | |
| ....4 | C421 | 2201-000556 | C-CERAMIC,DISC;470PF,10%,500V, | |
| ⚠ ....4 | CR01S | 2201-000556 | C-CERAMIC,DISC;470PF,10%,500V, | |
| ....4 | C601 | 2201-000558 | C-CERAMIC,DISC;470PF,10%,50V,Y | |
| ....4 | C817 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ....4 | C819 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ....4 | C822 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ....4 | C654 | 2201-000611 | C-CERAMIC,DISC;56PF,5%,50V,NPO | |
| ....4 | C910 | 2201-000980 | C-CERAMIC,DISC;30PF,5%,50V,NPO,5.0X3.0,5 | |
| ....4 | C911 | 2201-000980 | C-CERAMIC,DISC;30PF,5%,50V,NPO,5.0X3.0,5 | |
| ....4 | C830 | 2201-000984 | C-CERAMIC,DISC;680PF,10%,2KV,Y | |
| ....4 | C814 | 2201-002028 | C-CERAMIC,DISC;0.47nF,10%,2kV,Y5P,TP,7.5 | |
| ....4 | C927 | 2202-000127 | C-CERAMIC,MLC-AXIAL;10NF,+80-2 | |
| ....4 | C109 | 2202-000216 | C-CERAMIC,MLC-AXIAL;.027NF,5%,50V,SL,TP, | |
| ....4 | C110 | 2202-000216 | C-CERAMIC,MLC-AXIAL;.027NF,5%,50V,SL,TP, | |
| ....4 | C627 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C629 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C633 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C636 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C637 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C638 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C639 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C642 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C906 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C701 | 2202-000243 | C-CERAMIC,MLC-AXIAL;33PF,5%,50 | |
| ....4 | C647 | 2202-000286 | C-CERAMIC,MLC-AXIAL;56PF,5%,50 | |
| ....4 | C924 | 2202-000632 | C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP | |
| ....4 | C903 | 2202-000719 | C-CERAMIC,MLC-AXIAL;6.8nF,20%,16V,Y5R,TP | |
| ....4 | C606 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C607 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C608 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C615 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C905 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C614 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C116 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C901 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C919 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C921 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C928 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C649 | 2301-000108 | C-FILM,PEF;1.5NF,5%,50V,6.5X3.0X5.5MM,5M | |
| ....4 | C306 | 2301-000160 | C-FILM,PEF;12NF,5%,50V,11.0X6. | |
| ....4 | C432 | 2301-000192 | C-FILM,PEF;1NF,5%,50V,5.3X10MM | |
| ....4 | C610 | 2301-000192 | C-FILM,PEF;1NF,5%,50V,5.3X10MM | |
| ....4 | C611 | 2301-000192 | C-FILM,PEF;1NF,5%,50V,5.3X10MM | |
| ....4 | C902 | 2301-000192 | C-FILM,PEF;1NF,5%,50V,5.3X10MM | |
| ....4 | C415 | 2301-000203 | C-FILM,PEF;2.7NF,5%,100V,7X3.0X6.5MM,5MM | |
| ....4 | C802 | 2301-000204 | C-FILM,PEF;2.7NF,5%,50V,7.4X3. | |
| ....4 | C420 | 2301-000213 | C-FILM,PEF;220NF,5%,250V,21.5X | |
| ....4 | C809 | 2301-000224 | C-FILM,PEF;22NF,5%,50V,7.4X3.9 | |
| ....4 | C821 | 2301-000224 | C-FILM,PEF;22NF,5%,50V,7.4X3.9 | |
| ....4 | C412 | 2301-000254 | C-FILM,PEF;39NF,5%,50V,7.5X3.5X6.5MM,5MM | |
| ....4 | C411 | 2301-000342 | C-FILM,PEF;2.2nF,5%,50V,TP,7.4x3.9x13mm, | |
| ....4 | C909 | 2301-000383 | C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm | |
| ....4 | C425 | 2301-001259 | C-FILM,MPPF;100nF,5%,400V,TP,19x8x16,7.5 | |
| ....4 | C409 | 2301-001385 | C-FILM,PPF;30nF,5%,630V,TP,20x15.5x10.5, | |
| ....4 | C807 | 2303-000163 | C-FILM,PPF;2.2NF,5%,800V,-,-,T | |
| ....4 | C305 | 2305-000149 | C-FILM;CF922N100VT104-J-40/105 | |
| ....4 | C304 | 2305-000285 | C-FILM,MPEF;220NF,5%,100V,-,5M | |
| ....4 | C308 | 2305-000412 | C-FILM,MPEF;470NF,5%,63V,-,5MM | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | C907 | 2305-000412 | C-FILM,MPEF;470NF,5%,63V,-,5MM | |
| ....4 | C101 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C103 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C105 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C201 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C206 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C240 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C416 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C417 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C605 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C635 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C646 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C651 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C658 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C659 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C812 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C825 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C831 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C836 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C837 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C843 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C844 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C914 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C916 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C922 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C923 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C925 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C619 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C620 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C621 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C626 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C628 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C640 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C641 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C643 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C912 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C644 | 2401-000192 | C-ELEC;CE04-40/8550VT102-MW1SG | |
| ....4 | C648 | 2401-000192 | C-ELEC;CE04-40/8550VT102-MW1SG | |
| ....4 | C816 | 2401-000262 | C-AL;100UF,20%,160V,GP,16X25MM,5MM, | |
| ....4 | C801 | 2401-000287 | C-AL;100UF,20%,16V,WT,6X11MM,5 | |
| ....4 | C634 | 2401-000302 | C-AL;100UF,20%,25V,GP,6X11MM,5 | |
| ....4 | C302 | 2401-000365 | C-AL;100uF,20%,50V,WT,TP,10x12.5mm, | |
| ....4 | C307 | 2401-000365 | C-AL;100uF,20%,50V,WT,TP,10x12.5mm, | |
| ....4 | C106 | 2401-000480 | C-AL;10UF,20%,50V,GP,5X11MM,5M | |
| ⚠ ....4 | CR02S | 2401-000480 | C-AL;10UF,20%,50V,GP,5X11MM,5M | |
| ....4 | C413 | 2401-000493 | C-AL;10UF,20%,50V,WT,5X11MM,5M | |
| ....4 | C832 | 2401-000493 | C-AL;10UF,20%,50V,WT,5X11MM,5M | |
| ....4 | C918 | 2401-000493 | C-AL;10UF,20%,50V,WT,5X11MM,5M | |
| ....4 | C604 | 2401-000603 | C-AL;1UF,20%,50V,GP,5X11MM,5MM | |
| ....4 | C612 | 2401-000603 | C-AL;1UF,20%,50V,GP,5X11MM,5MM | |
| ....4 | C613 | 2401-000611 | C-AL;1UF,20%,50V,WT,5X11MM,5MM | |
| ....4 | C841 | 2401-000611 | C-AL;1UF,20%,50V,WT,5X11MM,5MM | |
| ....4 | C818 | 2401-000722 | C-AL;2200uF,20%,25V,WT,TP,16x25,7.5 | |
| ....4 | C835 | 2401-000722 | C-AL;2200uF,20%,25V,WT,TP,16x25,7.5 | |
| ....4 | C660 | 2401-000962 | C-AL;22uF,20%,50V,GP,TP,5x11,5 | |
| ....4 | C602 | 2401-001026 | C-AL;3.3UF,20%,50V,GP,5X11MM,5 | |
| ....4 | C655 | 2401-001026 | C-AL;3.3UF,20%,50V,GP,5X11MM,5 | |
| ....4 | C402 | 2401-001397 | C-AL;470UF,20%,25V,GP,10X16MM, | |
| ....4 | C838 | 2401-001513 | C-AL;47UF,20%,16V,WT,5X11MM,5M | |
| ....4 | C840 | 2401-001513 | C-AL;47UF,20%,16V,WT,5X11MM,5M | |
| ....4 | C422 | 2401-001527 | C-AL;47UF,20%,250V,HR,13X25MM, | |
| ....4 | C102 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5 | |
| ....4 | C913 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5 | |
| ....4 | C915 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5 | |
| ....4 | C917 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5 | |
| ....4 | C823 | 2401-000318 | C-AL(105C);100UF,20%,25V,WT,8X | |
| ....4 | C653 | 2401-002216 | C-AL;2200UF,20%,35V,-,16X25,7. | |
| ....4 | C207 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C239 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C603 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C630 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C631 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C645 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C652 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C920 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ⚠ ....4 | CR03S | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C404 | 2401-002288 | C-ELEC;CE04-55/10525VT471-MWRG | |
| ....4 | C202 | 2401-002463 | C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE | |
| ....4 | C810 | 2401-002463 | C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE | |
| ....4 | C811 | 2401-002463 | C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE | |
| ....4 | C414 | 2401-002597 | C-AL;220uF,20%,35V,GP,TP,10x12.5,5 | |
| ....4 | C418 | 2401-002597 | C-AL;220uF,20%,35V,GP,TP,10x12.5,5 | |
| ....4 | C827 | 2401-002619 | C-AL;47uF,20%,25V,GP,TP,5x11,5 | |
| ....4 | C833 | 2401-002619 | C-AL;47uF,20%,25V,GP,TP,5x11,5 | |
| ....4 | C826 | 2401-003034 | C-AL;220UF,20%,16V,WT,TP,8X11. | |
| ....4 | C834 | 2401-003034 | C-AL;220UF,20%,16V,WT,TP,8X11. | |
| ....4 | C808 | 2401-003046 | C-AL;47uF,20%,50V,WT,TP,6.3x11,2.5 | |
| ....4 | C104 | 2401-003578 | C-AL;1000uF,20%,10V,GP,TP,8x20mm,5 | |
| ....4 | CW901 | 2503-000156 | C-NETWORK;100pFx4,20&,50V | |
| ....4 | L301 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ....4 | L907 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ....4 | L906 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ....4 | L101 | 2701-000115 | INDUCTOR-AXIAL;10UH,10%,2.8X7M | |
| ....4 | L103 | 2701-000115 | INDUCTOR-AXIAL;10UH,10%,2.8X7M | |
| ....4 | L102 | 2701-000159 | INDUCTORAXIAL;22uH,10%,4.2x9.8mm | |
| ....4 | L602 | 2701-000169 | INDUCTORAXIAL;3.9uH,10%,2.5x3.4mm | |
| ....4 | L603 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L604 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L605 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L606 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L607 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L608 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L705 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L706 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L902 | 2701-000184 | INDUCTOR-AXIAL;4.7UH,10%,2.5X3.4MM | |
| ....4 | L908 | 2701-000191 | INDUCTOR-AXIAL;47UH,10%,2.5X3.4MM | |
| ....4 | L201 | 2701-000200 | INDUCTOR-AXIAL;5.6uH,10%,4.2x9.8mm | |
| ....4 | L811 | 2701-001030 | INDUCTOR-AXIAL;43uH,10%,14x4.5mm | |
| ....4 | L403 | 2701-001040 | COIL INDUCTOR; COIL,10uH,AL05 | |
| ....4 | L601 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | L609 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | L901 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | L903 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | L904 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | X901 | 2801-003728 | CRYSTAL-UNIT;6MHz,30ppm,28AAM,20pf,40oh | |
| ....4 | L203 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L407 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L409 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L612 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L613 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L804 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L402 | 2901-000299 | FILTER-EMIBEAD;BL02RN2-R65T2DB | |
| ....4 | L410 | 2901-000299 | FILTER-EMIBEAD;BL02RN2-R65T2DB | |
| ....4 | L807 | 2901-000299 | FILTER-EMIBEAD;BL02RN2-R65T2DB | |
| ....4 | L404 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L610 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L614 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L615 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L805 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L809 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L801 | 3301-001223 | CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP, | |
| ....4 | L802 | 3301-001223 | CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP, | |
| ....4 | L803 | 3301-001223 | CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP, | |
| ....4 | L806 | 3301-001223 | CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP, | |
| ⚠ ....4 | FA801S | 3601-000120 | FUSE-FERRULE;125V,2.5A,FA,GLASS,2.4x7.5m | |
| ⚠ ....4 | FA802S | 3601-001086 | FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS | |
| ⚠ ....4 | FA803S | 3601-001228 | FUSE-AXIAL LEAD;125V,10A,FAST-ACTING,EPO | |
| ....4 | F801A | 3602-000114 | FUSE-HOLDER;-,-,30MOHM | |
| ....4 | F801B | 3602-000114 | FUSE-HOLDER;-,-,30MOHM | |
| ....4 | D908 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J102 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J103 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J104 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J106 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J107 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J108 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J110 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J114 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J116 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J122 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J124 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J201 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | J204 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J205 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J206 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J209 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J210 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J211 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J212 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J213 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J215 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J216 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J217 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J218 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J219 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J223 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J224 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J225 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J237 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J239 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J240 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J241 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J243 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J252 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J402 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J404 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J405 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J406 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J408 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J409 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J411 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J412 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J414 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J415 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J418 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J420 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J421 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J422 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J423 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J424 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J425 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J427 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J428 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J430 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J431 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J432 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J602 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J603 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J604 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J605 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J608 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J609 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J610 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J615 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J616 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J618 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J620 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J621 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J622 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J623 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J624 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J701 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J702 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J705 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J706 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J712 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J713 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J716 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J724 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J725 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J726 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J801 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J802 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J803 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J804 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J806 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J815 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J816 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J817 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J818 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J819 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J820 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J821 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J822 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J823 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J824 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J826 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J827 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J828 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J829 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J830 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J831 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J832 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J833 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J835 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J902 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J903 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J904 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J905 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J907 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J911 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J912 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J913 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J914 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J916 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J917 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J918 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J920 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J921 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J922 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J924 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J926 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J927 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J929 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J930 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J933 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J936 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J937 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J938 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J939 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J940 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J941 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J943 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J944 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J945 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J946 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J947 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J948 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J949 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J950 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L302 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L303 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L611 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L712 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L713 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L714 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R619 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R832 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R931 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R990 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ⚠ ....4 | DR02S | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J112 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J407 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J111 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | JA10 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | JS01 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R840 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R962 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | 00VER | AA41-00859A | PCB-MAIN;YOUNG STAR,FR-1,1L,A,1.6T,330X2 | |
| ....4 | EY302 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY303 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY403 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY404 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY405 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY406 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY407 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | EY408 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY409 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY410 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY411 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY412 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY413 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY414 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY415 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY418 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY419 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY420 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY421 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY422 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY423 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY424 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY426 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY429 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY430 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY431 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY432 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY433 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY434 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY435 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY436 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY437 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY439 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY441 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY446 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY447 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY603 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY604 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY701 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY702 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY703 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY704 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY705 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY706 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY801 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY802 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY803 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY804 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY805 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY806 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY809 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY810 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY812 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY813 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY814 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY815 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY816 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY817 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY820 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY824 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY828 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY829 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY830 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY831 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY832 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY835 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY836 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY837 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY839 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY840 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY841 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY842 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY844 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY845 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY846 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY848 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY850 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY851 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY853 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY854 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY855 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY856 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY857 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY858 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY859 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY864 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY865 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY871 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY872 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EL401 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL402 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL407 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL408 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL801 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL802 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL805 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL807 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL808 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL806 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | GT102 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT301 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT302 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT401 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT402 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT404 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT405 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT406 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT409 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT410 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT411 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT412 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT801 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT802 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT803 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT804 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT805 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT806 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ⚠ ....4 | DZR01S | 0403-001321 | DIODE-ZENER;MTZJ6.8C,6.66-7.01V,500mW,DO | |
| ⚠ ....4 | QR01S | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ⚠ ....4 | RR04S | 2001-000908 | R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ⚠ ....4 | RR06S | 2001-000977 | R-CARBON;8.2Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| ⚠ ....4 | RR05S | 2001-001103 | R-CARBON(S);20KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ⚠ ....4 | RR02S | 2001-001149 | R-CARBON(S);43KOHM,5%,1/2W,AA, | |
| ⚠ ....4 | RR03S | 2004-001897 | R-METAL(S);43.2KOHM,1%,1/2W,AA | |
| ⚠ ....4 | RR07S | 2004-004029 | R-METAL(S);10Kohm,1%,1/2W,AA,TP,2.5x6.5m | |
| ⚠ ....4 | RR01S | 2008-000264 | R-FUSIBLE(S);10HM,5%,1W,AF,TP, | |
| ⚠ ....4 | CR04S | 2305-000412 | C-FILM,MPEF;470NF,5%,63V,-,5MM | |
| ....4 | L/LINE | AA68-01544A | LABEL;LINE,ALL MDL COMMON | |
| ....4 | C650 | 2401-001192 | C-AL;33UF,20%,50V,GP,6X11MM,5MM,TP | |
| ....4 | C824 | 2401-003028 | C-AL;100UF,20%,25V,WT,TP,6.3X1 | |
| ....4 | C904 | 2401-000471 | C-AL;10UF,20%,50V,BP,6X11MM,5M | |
| ....4 | R824 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| ..2 | CBLK+H | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ..2 | DFO+HC | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ..2 | PMAIN+ | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ..2 | APS+HC | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ..2 | TBA+HC | 6006-001095 | SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL) | |
| ..2 | HC | AA61-01235A | HOLDER-CHASSIS;DP Z7,AA61-01190A | |
| ..2 | CWHC | AA65-00011B | CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,15M | |
| ..2 | DRES1 | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | A/DF | AA96-00974A | ASSY MISC P-DYNAMIC FOCUS;TXM3297,2797,K | |
| ...3 | LH01 | AA26-90002C | TRANS-DUMMY;-,3.5MH,EER2834,13 | |
| ...3 | LH02 | AA27-40003L | COIL-HORIZ,WIDTH;-,1.0mH,DR14x20,2UEW0.4 | |
| ...3 | WIRE3 | AA39-20061C | LEAD CONNECTOR-ASSY,,3P,YFH800-03,S,200, | |
| ...3 | JH01 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | EY01 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | EY02 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | EY03 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | EY04 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | EY05 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | EY06 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | EY07 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | EY08 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | EY09 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | EY11 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ...3 | GTH01 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GTH02 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GTH03 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | RH28 | 2008-001113 | R-FUSIBLE(S);0.22ohm,10%,2W,AG,TP,3.9x12 | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ...3 | 02VER | AA41-00152C | PCB-DOUBLE FOCUS;CW29A6VN8X/XEF,FR-1,1L, | |
| ..2 | C-BLOC | AA26-00069A | TRANS FBT;FUJ-29C002C(S),DREAM3,4,-,-,-, | |
| ..2 | A/CRT | AA96-01501A | ASSY PCB P;CRT,TXN2771HF,K55A | |
| ...3 | D501 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DF01 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DF02 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DF05 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DF06 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | D502 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D509 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D510 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D511 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D512 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D513 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D514 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | DF07 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | DF08 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | DZF03 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ...3 | DZ503 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ...3 | DZ504 | 0403-000698 | DIODE-ZENER;TZP12A,12V,11.4-12.6V,1W,DO- | |
| ...3 | DZ501 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | DZ502 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | DZ510 | 0403-000734 | DIODE-ZENER;TZP15B,15V,14.7-16.5V,1W,DO- | |
| ...3 | DZF01 | 0403-001039 | DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T | |
| ...3 | DZF02 | 0403-001039 | DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T | |
| ...3 | Q501 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ...3 | Q502 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ...3 | Q503 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ...3 | Q504 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ...3 | QF04 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ...3 | QF02 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ...3 | QF03 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ...3 | QF05 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ...3 | R531 | 2001-000009 | R-CARBON;20KOHM,5%,1/8W,AA,TP, | |
| ...3 | RF17 | 2001-000019 | R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4m | |
| ...3 | R560 | 2001-000052 | R-CARBON(S);3.3KOHM,5%,1/2W,AA | |
| ...3 | RF30 | 2001-000221 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP | |
| ...3 | RF31 | 2001-000221 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP | |
| ...3 | R501 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | R502 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | R527 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | RF22 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | RF25 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | RF28 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | RF21 | 2001-000258 | R-CARBON;1.8Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| ...3 | R530 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ...3 | R562 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ...3 | R563 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ...3 | R522 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ...3 | R564 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ...3 | RF20 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP, | |
| ...3 | R540 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ...3 | R554 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ...3 | R555 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ...3 | R556 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ...3 | R507 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP | |
| ...3 | RF23 | 2001-000554 | R-CARBON;270OHM,5%,1/8W,AA,TP, | |
| ...3 | R520 | 2001-000563 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| ...3 | R523 | 2001-000890 | R-CARBON;6.8KOHM,5%,1/8W,AA,TP | |
| ...3 | R508 | 2001-000995 | R-CARBON;820OHM,5%,1/8W,AA,TP, | |
| ...3 | R566 | 2001-001040 | R-CARBON(S);0.68OHM,5%,1/2W,AA | |
| ...3 | R504 | 2001-001045 | R-CARBON(S);1.2KOHM,5%,1/2W,AB | |
| ...3 | R505 | 2001-001045 | R-CARBON(S);1.2KOHM,5%,1/2W,AB | |
| ...3 | RF33 | 2001-001053 | R-CARBON(S);1.5OHM,5%,1/2W,AA, | |
| ...3 | R565 | 2001-001071 | R-CARBON(S);12KOHM,5%,1/2W,AA, | |
| ...3 | RF29 | 2001-001071 | R-CARBON(S);12KOHM,5%,1/2W,AA, | |
| ...3 | RF18 | 2001-001079 | R-CARBON(S);15OHM,5%,1/2W,AB,T | |
| ...3 | RF19 | 2001-001079 | R-CARBON(S);15OHM,5%,1/2W,AB,T | |
| ...3 | R503 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ...3 | R518 | 2001-001095 | R-CARBON(S);2.2MOHM,5%,1/2W,AA,TP,2.4X6. | |
| ...3 | RF34 | 2001-001100 | R-CARBON(S);2.7OHM,5%,1/2W,AA, | |
| ...3 | R561 | 2001-001126 | R-CARBON(S);300OHM,5%,1/2W,AB,TP,2.4X6.4 | |
| ...3 | R516 | 2001-001153 | R-CARBON(S);470HM,5%,1/2W,AA,T | |
| ...3 | RF26 | 2001-001179 | R-CARBON(S);68KOHM,5%,1/2W,AA, | |
| ...3 | RF27 | 2001-001179 | R-CARBON(S);68KOHM,5%,1/2W,AA, | |
| ...3 | R506 | 2001-001194 | R-CARBON(S);82KOHM,5%,1/2W,AA, | |
| ...3 | R510 | 2001-001194 | R-CARBON(S);82KOHM,5%,1/2W,AA, | |
| ...3 | R511 | 2001-001194 | R-CARBON(S);82KOHM,5%,1/2W,AA, | |
| ...3 | R525 | 2002-001006 | R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP,3.7X | |
| ...3 | R513 | 2002-001017 | R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m | |
| ...3 | R514 | 2002-001017 | R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m | |
| ...3 | R515 | 2002-001017 | R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m | |
| ...3 | R528 | 2003-000458 | R-METALOXIDE(S);100OHM,5%,2W,A | |
| ...3 | RF36 | 2003-000652 | R-METAL OXIDE(S);330ohm,5%,2W,AF,TP,4x12 | |
| ...3 | RF32 | 2003-000746 | R-METALOXIDE(S);56OHM,5%,2W,AD | |
| ...3 | RF35 | 2003-000746 | R-METALOXIDE(S);56OHM,5%,2W,AD | |
| ...3 | RF24 | 2003-001018 | R-METALOXIDE;220OHM,2W | |
| ...3 | RF14 | 2003-002276 | R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP,12X | |
| ...3 | RF15 | 2003-002276 | R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP,12X | |
| ...3 | RF16 | 2003-002276 | R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP,12X | |
| ...3 | R512 | 2004-001369 | R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4 | |
| ...3 | RF13 | 2008-001014 | R-FUSIBLE(S);22ohm,5%,1W,AF,TP,3.2x10mm | |
| ...3 | R529 | 2008-000204 | R-FUSIBLE(S);0.22OHM,10%,1/2W, | |
| ...3 | R541 | 2008-001053 | R-FUSIBLE;22OHM,5%,1/2W,AF,TP, | |
| ...3 | CF03 | 2201-000192 | C-CERAMIC,DISC;10PF,0.25PF,500V,NPO,-,5M | |
| ...3 | CF06 | 2201-000192 | C-CERAMIC,DISC;10PF,0.25PF,500V,NPO,-,5M | |
| ...3 | C501 | 2201-000193 | C-CERAMIC,DISC;10PF,0.25PF,50V | |
| ...3 | C510 | 2201-000291 | C-CERAMIC,DISC;1NF,10%,500V,Y5 | |
| ...3 | CF02 | 2201-000017 | C-CERAMIC,DISK;1NF,10%,50V,Y5P,4X3.5MM,5 | |
| ...3 | CF04 | 2201-000516 | C-CERAMIC,DISC;4.7NF,+100-0%,5 | |
| ...3 | C514 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ...3 | C515 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ...3 | C513 | 2201-000600 | C-CERAMIC,DISC;560PF,10%,50V,Y5P,4X3.5MM | |
| ...3 | CF07 | 2201-000604 | C-CERAMIC,DISC;56PF,+100-0%,50 | |
| ...3 | C504 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | C505 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | C506 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | C507 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | C509 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | CF05 | 2301-000261 | C-FILM,PEF;4.7NF,5%,100V,10.5X | |
| ...3 | C508 | 2301-001211 | C-FILM,PPF;22nF,5%,400V,TP,20x7x14,7.5mm | |
| ...3 | C511 | 2301-001211 | C-FILM,PPF;22nF,5%,400V,TP,20x7x14,7.5mm | |
| ...3 | C512 | 2301-001211 | C-FILM,PPF;22nF,5%,400V,TP,20x7x14,7.5mm | |
| ...3 | C526 | 2301-001211 | C-FILM,PPF;22nF,5%,400V,TP,20x7x14,7.5mm | |
| ...3 | C533 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ...3 | CF75 | 2401-000045 | C-AL;10uF,20%,160V,GP,TP,10x16,5 | |
| ...3 | CF01 | 2401-000360 | C-AL;100UF,20%,50V,GP,8X11MM,5 | |
| ...3 | C520 | 2401-000703 | C-ELEC;CE04-40/8525VT222-MWSD | |
| ...3 | C528 | 2401-000832 | C-AL;220UF,20%,25V,GP,8X11MM,5 | |
| ...3 | C534 | 2401-000832 | C-AL;220UF,20%,25V,GP,8X11MM,5 | |
| ...3 | CF71 | 2401-000832 | C-AL;220UF,20%,25V,GP,8X11MM,5 | |
| ...3 | C535 | 2401-000913 | C-AL;22uF,20%,16V,GP,TP,5x11,5 | |
| ...3 | CF73 | 2401-000927 | C-AL;22UF,20%,250V,GP,13X20MM, | |
| ...3 | C532 | 2401-001563 | C-AL;47uF,20%,400V,GP,TP,16x25mm,7.5 | |
| ...3 | CF74 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5 | |
| ...3 | C531 | 2401-002264 | C-AL;10UF,20%,350V,GP,TP,10X20 | |
| ...3 | LF03 | 2701-000112 | INDUCTOR-AXIAL;100UH,10%,2.8X7 | |
| ...3 | L502 | 2701-000178 | INDUCTOR-AXIAL;33UH,10%,2.8X7MM | |
| ...3 | LF01 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF02 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF04 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF06 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF08 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF09 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF11 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | J502 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J503 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J504 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J505 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J506 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J507 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J510 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J511 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J512 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J514 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J515 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J519 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J520 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J525 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | JF02 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | JF04 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | R517 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | R526 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | 00VER | AA41-00890A | PCB CRT;CT-29A10,,,A,,,K55A,4,, | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ...3 | EL100 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL80 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL81 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL82 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL83 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL84 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL85 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL86 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL87 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL88 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL89 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL92 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL94 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL95 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL96 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL97 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL98 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL99 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | GT501 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GT502 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GT503 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GT504 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GT505 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | R509 | 2008-000205 | R-FUSIBLE(S);10OOHM,5%,1/2W,AF, | |
| ...3 | R519 | 2001-000356 | R-CARBON;150KOHM,5%,1/8W,AA,TP | |
| ...3 | IC505 | 1203-000165 | IC-POSI.ADJUSTREG.;78R12,TO-22 | |
| ⚠ ...3 | V999S | 3704-001032 | SOCKET-CRT;8P,29PI,35.5PI,AU30U | |
| ...3 | C522 | 2201-002117 | C-CERAMIC,DISC;4.7nF,20%,3kV,Y5U,TP,16x6 | |
| ...3 | C523 | 2306-000272 | C-FILM,MPPF;820nF,5%,400V,BK,29x25.5x18. | |
| ...3 | CNC01 | 3711-003974 | CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG | |
| ...3 | SC01 | 3722-001503 | JACK-PIN;1P,1PI,NI,RED,SCR-JACK | |
| ...3 | CNC01A | AA39-00088A | LEAD CONNECTOR-ASSY;HERCULES,UL1007/1185 | |
| ⚠ ...3 | GT503S | AA39-20010B | LEAD-CONNECTOR,ASSY;-,YFH800-01,500MM,1P | |
| ...3 | CNC03A | AA39-20016D | LEAD-CONNECTOR,ASSY;-,67096-003,S,3P,500 | |
| ...3 | CNC02A | AA39-20068B | LEAD CONNECTOR-ASSY;,8P,YBNH025-08,67096 | |
| ...3 | BAND | AA63-10002B | BAND-TIE;-,NYLON66V2,-,-,L140,NTR,-,- | |
| ...3 | QF10 | AA96-00243L | ASSY H/S;-,CRT,AA62-00045A,2SC2344,HERC | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 0502-000153 | TR-POWER;2SC2344-D,NPN,180V,16 | |
| ....4 | | 6003-000335 | SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR | |
| ....4 | | AA62-00045A | HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-, | |
| ...3 | QF09 | AA96-00243M | ASSY H/S;-,AMP,AA62-00045A,2SA1011,HERC | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 0502-000131 | TR-POWER;2SA1011-D,PNP,-180V,- | |
| ....4 | | 6003-000335 | SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR | |
| ....4 | | AA62-00045A | HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-, | |
| ...3 | IC501 | AA96-50311L | ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE | |
| ...3 | IC502 | AA96-50311L | ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE | |
| ...3 | IC503 | AA96-50311L | ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE | |
| ....4 | | 1201-001131 | IC-VIDEO AMP;6111,SIP,9P,-,SINGLE,-,PLAS | |
| ....4 | | 6003-000334 | SCREW-TAPTITE;RH,+,2S,M3,L6,ZP | |
| ....4 | | AA62-30175D | HEATSINK-PS;-,SECC,T1.0,-,33X15X30FT-2 | |
| ...3 | CNC03 | 3711-002642 | POST-HEADER;67094-003(AUTO) | |
| ...3 | FV1 | 3711-002642 | POST-HEADER;67094-003(AUTO) | |
| ...3 | FN1 | 3711-002643 | POST-HEADER;YW025-04(AUTO) | |
| ...3 | IC504 | BH99-00038E | ASSY HEAT/SINK;TDA2030,AMP,HERCULES,BH62 | |
| ....4 | | 0205-001027 | OIL-SILICON;G746 | |
| ....4 | | 1201-000010 | IC-OP AMP;2030,PENTAWATT,5P,-,SINGLE,-,C | |
| ....4 | | BH61-00004A | SPRING TR;SUS304,W1/2H,T0.4,W3.5 | |
| ....4 | | BH62-00041A | HEAT SINK-TR; | |

## ASSY CPT

| | | | | |
|---|---|---|---|---|
| 1 | A/CPT | AA91-02173Q | ASSY CPT;A68QCP891X004,29,+380MG,ITC,CT | |
| ..2 | D-COIL | AA27-20002Q | COILDEGAUSSING;-,29,14OHM,70T | |
| ⚠ ..2 | CRT | AA03-00076A | CRT-COLOR;A68QCP891X004(C),-,29INCH,0.76 | |
| ..2 | A/TBC | AA98-70011D | ASSY-TBC,WIRE(P);-,29',NTSC,PAL,2P-WH,- | |
| ..2 | S/GUM | AA63-60004L | SPACER-GUM,CRT;-,NTR RUBBER,-,-,-,BLK,T3 | |
| ..2 | CDCOIL | AA65-30017A | CLAMP-D,COIL;-,NYLON-66,V0,NTR,DADH300,2 | |
| ..2 | CDCOIL | AA65-00019A | CLAMP CORE-D,COIL;25-34,NYLON 66,V2,NTR | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|

## ASSY COVER FRONT

| | | | | |
|---|---|---|---|---|
| 1 | A/CFRO | AA90-04547B | ASSY COVER FRONT;TXN2771HFX/XAA,K55A(SAM | |
| ..2 | BKC+CF | 6002-000522 | SCREW-TAPPING;TH,+,2,M4,L15,ZP | |
| ..2 | PP+CF | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ..2 | HPC+CF | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ..2 | PAV+HA | 6003-001023 | SCREW-TAPTITERWH,+,B,M3,L10,ZPC(YEL) | |
| ..2 | AHS+CF | 6006-001095 | SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL) | |
| ..2 | CRT+CF | AA60-10050V | SCREW-ASSY;WC,HH,+,M6,L30,SWRCH18A,ZPC(S | |
| ..2 | BRK | AA61-10054A | BRACKET-CRATER;-,STS304,-,T0.5 | |
| ..2 | AHS | AA91-00507A | ASSY HOLDER SPK;-,-,8OHM/15W,-,ASSY HOLD | |
| ..2 | R/CAP | AA73-00005B | RUBBER-CAP;FLAT,PRJ,SILICONE RUBBER,WHIT | |
| ..2 | R/CAP | AA73-00020A | RUBBER-CAP;32A10,RUBBER | |
| ..2 | RC+CF | 0203-001290 | TAPE-OPP MASKING;ANT 100C,T0.073,W30,L50 | |
| ..2 | L/QMS | AA68-02391A | LABEL-QMS;ART-PAPER(90)G,110x24mm | |
| ..2 | CWFC | AA65-00011C | CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M | |
| ..2 | CWFC | AA65-30105A | CLAMP-WIRE;NYLON 66N,V0,NTR,15MM | |
| ..2 | BADGE | AA64-70117B | BADGE-BRAND;-,AL,-,-,L65,R2000,SILVER,SS | |
| ..2 | SPK+DC | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | C/DCOI | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | FC | AA96-01472A | ASSY COVER P-FRONT;29A10,ABS HB,W91499 | |
| ...3 | WRL+CF | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ...3 | SF+CF | AA60-00091J | SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,- | |
| ...3 | SPRING | AA61-60003J | SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-, | |
| ...3 | WR | AA64-03337A | WINDOW-RMC,LED;32A10,A11,PC,CLR | |
| ...3 | KP | AA64-03343A | KNOB-POWER;32A10,ABS,HB,G3676,SVM3012 | |
| ...3 | CF | AA64-03375A | CABINET-FRONT;S29A10,HIPS | |
| ...3 | ID | AA64-03381A | INLAY-DECORATION;S29A10,PVC SHEET,T0.5 | |
| ..2 | APAV | AA96-01502A | ASSY PCB P-SIDE A/V;TXM2771HFX,K55A | |
| ...3 | DZ701 | 0403-000720 | DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500 | |
| ...3 | DZ702 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | DZ703 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | R701 | 2001-000028 | R-CARBON(S);100OHM,5%,1/2W,AB, | |
| ...3 | R702 | 2001-000028 | R-CARBON(S);100OHM,5%,1/2W,AB, | |
| ...3 | C701 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| ...3 | C702 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| ...3 | C707 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ...3 | C708 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ...3 | L701 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ...3 | L702 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ...3 | L705 | 2701-000168 | INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm | |
| ...3 | L706 | 2701-000168 | INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm | |
| ...3 | L707 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ...3 | L708 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ...3 | J701 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J702 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | 00VER | AA41-00891A | PCB-A/V SIDE;CT-29A10,,,A,,,K55A,10,, | |
| ...3 | JK04 | 3722-000544 | JACK-VHS;4P,11.5mm,AG,BLK,N | |
| ...3 | JKH01 | 3722-001061 | JACK-PHONE;1P,3.6MM,AG,BLK,N | |
| ...3 | JA701 | 3722-001164 | JACK-PIN;3P,3.4mm,SN,WH:YE:RE,#16-22 | |
| ...3 | CN704 | AA39-00070B | LEAD CONNECTOR-ASSY;,4P,YBNH250-04,35184 | |
| ...3 | CN703 | AA39-20069A | LEAD-CONNECTOR,ASSY;-,YBNH025- | |
| ...3 | CN701 | AA39-20071H | LEAD CONNECTOR;K55A/CT-29A10HR,UL1007#26 | |
| ..2 | APTS | AA96-01503A | ASSY PCB P-TACT S/W;TXN2771HF,K55A | |
| ...3 | DC01 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DC02 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | RC01 | 2001-000020 | R-CARBON(S);22OHM,5%,1/2W,AA,T | |
| ...3 | RC02 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ...3 | CC01 | 2401-002291 | C-ELECTROLYTIC;CE04WTAPG16V47M | |
| ...3 | 00VER | AA41-00907A | PCB-LED(TACT);CT-29A10,A,K55A,12 | |
| ...3 | LD02 | 0601-000262 | LED;ROUND,RED,5mm,700nm | |
| ...3 | SW01 | 3404-000176 | SWITCH-TACT;12V,50MA,90-150GF, | |
| ...3 | RM01 | AA32-00012A | MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES | |
| ...3 | CN01 | AA39-20055C | LEAD CONNECTOR ASSY;YBNH025-06,67096-006 | |
| ..2 | T/PAD | AA96-01462A | ASSY BOARD P-FUNCTION;CT-29A10HR,FUNCTIO | |
| ..2 | A/HAV | AA96-01365F | ASSY COVER P-HOLDER AV;ABS HB,G4309,SV01 | |
| ...3 | HAV | AA61-01286C | HOLDER-AV;29A11,ABS HB,G4309,SVM3012 | |
| ...3 | LD | AA61-30001A | LATCH-DOOR;-,-,-,KIFUCOLA701,- | |
| ...3 | INAV | AA64-00246P | INLAY AV;29A11,SHEET PS,T0.3,K55A DO SIL | |
| ...3 | DAV | AA64-03346D | DOOR-AV;29A11,ABS HB,G4309,SVM3012 | |
| ...3 | INPC | AA64-60446C | INLAY-PC,JACK;29A6,L/GRAY,PS SHEET,T0.5, | |
| ...3 | SF+DAV | AA63-00099D | SPACER-FELT;A10,FELT,WHITE,T0.5,20*10 | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|

## ASSY COVER REAR

| | | | | |
|---|---|---|---|---|
| 1 | A/CREA | AA90-04550B | ASSY COVER REAR;TXN2771HFX/XAA,SAMEX | |
| ..2 | BC | AA64-03378A | CABINET BACK;S29A10,HIPS | |
| ..2 | SPACER | AA60-00091J | SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,- | |
| ..2 | AC+BC | AA65-30008A | CLAMP-CORD;-,PE,HB,BLK,-,- | |
| ..2 | TB+RCA | AA60-10050T | SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW | |
| ..2 | CB+TBA | AA60-10050T | SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW | |
| ..2 | CB+CF | AA60-10050T | SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW | |
| ..2 | F/BOX | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | FBT | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | ADH-SI | 0201-001059 | ADHESIVE-SILICON;B#9590,CARTRIGE | |
| ..2 | L/DHHS | AA68-50394T | LABEL-D.H.H.S;TSK2792FX/XAA,A/P120(G),-, | |
| ..2 | L/STAR | AA68-01557A | LABEL ENERGY;STAR,STATIC FREE FILM | |
| ..2 | L/RAT | AA68-02692A | LABEL RATING;WHITE-PAPER,60X90MM,SEA/SEC | |
| ..2 | TBA | AA96-01519A | ASSY COVER P-TERMINAL BOARD;DP AA96-0141 | |
| ..2 | INL/TB | AA64-03410C | INLAY-TERMINAL;29A10,PS,SHEET,T0.5,,,BLK | |

## ASSY P/MATERIAL

| | | | | |
|---|---|---|---|---|
| 1 | A/PMAT | AA92-07643A | ASSY P/MATERIAL;29A10,,,, | |
| ..2 | BOX | 0203-001295 | TAPE-OPP MASKING;1242,T0.06,W100,L91.4M, | |
| ..2 | STAPLE | AA60-40006A | PIN-STAPLE;-,-,-,H18,33X17.8X2 | |
| ..2 | C/SET | AA69-02047A | CUSHION-SET;29A10,PS FOAMED,C=0.02 | |
| ..2 | PE-BAG | AA69-01209A | BAG;SHEET,25-27,W54,L60,FOAM,OEM. | |

## ASSY BOX

| | | | | |
|---|---|---|---|---|
| 1 | A/BOX | AA92-07640B | ASSY BOX;TXN2771HFX/XAA | |
| ..2 | PCK | AA69-02140A | PACKING CASE;29A10(SAMEX),D-4 AB,A1,,825 | |
| ..2 | L/BOX | AA68-01542A | LABEL;(UNIBOX),PAPER WHT ALLMD | |

## ASSY ACCESSORY

| | | | | |
|---|---|---|---|---|
| 1 | A/ACCS | AA92-07547G | ASSY ACCESSORY;TXN2771HFX/XAA,K55A | |
| ..2 | BATT | 4301-000120 | BATTERY-MN;1.5V,-,AA | |
| ..2 | RMT | AA59-00251B | REMOCON;TM58,YOUNG STAR,41,SS,G6671B,MBR | |
| ..2 | W/CARD | AA68-01433A | CARD WARRANTY;TV/TVCR,ALL,W/P100(G),B5, | |
| ..2 | B/WARR | AA68-01561A | CARD WARRANTY;BLOCK,STATEMENT ONLY,SEA/S | |
| ..2 | C/REG | AA68-01969A | CARD;REGISTRATION PRODUCT,W/P120(G),SEA | |
| ..2 | I/B | AA68-02723A | MANUAL USERS;CT-29A10,,ENG,,W/P100G,,,,K | |
| ..2 | BAG-PE | AA69-01195A | BAG PE;CL29A6W8X,HDPET0.012,93/4X151 | |
| ..2 | AC-TAP | 0203-001279 | TAPE-OPP MASKING;#232,T0.14,W15,L50000,Y | |
| ..2 | C/RCA | AA39-40001B | PATCH-CORD;3P-3P1500MMRED,WHT,YEL,500 | |

# 6-2 TXN2771HFX/XAC(TXN2771HFX/XAA and TXN2771HFX/XAC Dissimilar parts)

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|

## ASSY CHASSIS

| | | | | |
|---|---|---|---|---|
| 1 | A/CHAS | AA91-05794Y | ASSY CHASSIS;TXN2771HFX/XAA,K55A | |

## ASSY CPT

| | | | | |
|---|---|---|---|---|
| 1 | A/CPT | AA91-02173Q | ASSY CPT;A68QCP891X004,29,+380MG,ITC,CT | |

## ASSY COVER FRONT

| | | | | |
|---|---|---|---|---|
| 1 | A/CFRO | AA90-04674A | ASSY COVER FRONT;TXN2771HFX/XAC,K55A | |
| ..2 | BKC+CF | 6002-000522 | SCREW-TAPPING;TH,+,2,M4,L15,ZP | |
| ..2 | PP+CF | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ..2 | HPC+CF | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ..2 | PAV+HA | 6003-001023 | SCREW-TAPTITERWH,+,B,M3,L10,ZPC(YEL) | |
| ..2 | AHS+CF | 6006-001095 | SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL) | |
| ..2 | CRT+CF | AA60-10050V | SCREW-ASSY;WC,HH,+,M6,L30,SWRCH18A,ZPC(S | |
| ..2 | BRK | AA61-10054A | BRACKET-CRATER;-,STS304,-,T0.5 | |
| ..2 | AHS | AA91-00507A | ASSY HOLDER SPK;-,-,8OHM/15W,-,ASSY HOLD | |
| ..2 | R/CAP | AA73-00005B | RUBBER-CAP;FLAT,PRJ,SILICONE RUBBER,WHIT | |
| ..2 | R/CAP | AA73-00020A | RUBBER-CAP;32A10,RUBBER | |
| ..2 | RC+CF | 0203-001290 | TAPE-OPP MASKING;ANT 100C,T0.073,W30,L50 | |
| ..2 | L/QMS | AA68-02391A | LABEL-QMS;ART-PAPER(90)G,110x24mm | |
| ..2 | CWFC | AA65-00011C | CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M | |
| ..2 | CWFC | AA65-30105A | CLAMP-WIRE;NYLON 66N,VO,NTR,15MM | |
| ..2 | BADGE | AA64-70117B | BADGE-BRAND;-,AL,-,-,L65,R2000,SILVER,SS | |
| ..2 | SPK+DC | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | C/DCOI | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | FC | AA96-01472A | ASSY COVER P-FRONT;29A10,ABS HB,W91499 | |
| ...3 | WRL+CF | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ...3 | SF+CF | AA60-00091J | SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,- | |
| ...3 | SPRING | AA61-60003J | SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-, | |
| ...3 | WR | AA64-03337A | WINDOW-RMC,LED;32A10,A11,PC,CLR | |
| ...3 | KP | AA64-03343A | KNOB-POWER;32A10,ABS,HB,G3676,SVM3012 | |
| ...3 | CF | AA64-03375A | CABINET-FRONT;S29A10,HIPS | |
| ...3 | ID | AA64-03381A | INLAY-DECORATION;S29A10,PVC SHEET,T0.5 | |
| ..2 | APAV | AA96-01502A | ASSY PCB P-SIDE A/V;TXM2771HFX,K55A | |
| ...3 | DZ701 | 0403-000720 | DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500 | |
| ...3 | DZ702 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | DZ703 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | R701 | 2001-000028 | R-CARBON(S);100OHM,5%,1/2W,AB, | |
| ...3 | R702 | 2001-000028 | R-CARBON(S);100OHM,5%,1/2W,AB, | |
| ...3 | C701 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| ...3 | C702 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| ...3 | C707 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ...3 | C708 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ...3 | L701 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ...3 | L702 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ...3 | L705 | 2701-000168 | INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm | |
| ...3 | L706 | 2701-000168 | INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm | |
| ...3 | L707 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ...3 | L708 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ...3 | J701 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J702 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | 00VER | AA41-00891A | PCB-A/V SIDE;CT-29A10,,,A,,,K55A,10,, | |
| ...3 | JK04 | 3722-000544 | JACK-VHS;4P,11.5mm,AG,BLK,N | |
| ...3 | JKH01 | 3722-001061 | JACK-PHONE;1P,3.6MM,AG,BLK,N | |
| ...3 | JA701 | 3722-001164 | JACK-PIN;3P,3.4mm,SN,WH:YE:RE,#16-22 | |
| ...3 | CN704 | AA39-00070B | LEAD CONNECTOR-ASSY;,4P,YBNH250-04,35184 | |
| ...3 | CN703 | AA39-20069A | LEAD-CONNECTOR,ASSY;-,YBNH025- | |
| ...3 | CN701 | AA39-20071H | LEAD CONNECTOR;K55A/CT-29A10HR,UL1007#26 | |
| ..2 | APTS | AA96-01503A | ASSY PCB P-TACT S/W;TXN2771HF,K55A | |
| ...3 | DC01 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DC02 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | RC01 | 2001-000020 | R-CARBON(S);22OHM,5%,1/2W,AA,T | |
| ...3 | RC02 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ...3 | CC01 | 2401-002291 | C-ELECTROLYTIC;CE04WTAPG16V47M | |
| ...3 | 00VER | AA41-00907A | PCB-LED(TACT);CT-29A10,A,K55A,12 | |
| ...3 | LD02 | 0601-000262 | LED;ROUND,RED,5mm,700nm | |
| ...3 | SW01 | 3404-000176 | SWITCH-TACT;12V,50MA,90-150GF, | |
| ...3 | RM01 | AA32-00012A | MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES | |
| ...3 | CN01 | AA39-20055C | LEAD CONNECTOR ASSY;YBNH025-06,67096-006 | |
| ..2 | T/PAD | AA96-01462A | ASSY BOARD P-FUNCTION;CT-29A10HR,FUNCTIO | |
| ..2 | A/HAV | AA96-01365F | ASSY COVER P-HOLDER AV;ABS HB,G4309,SV01 | |
| ...3 | HAV | AA61-01286C | HOLDER-AV;29A11,ABS HB,G4309,SVM3012 | |
| ...3 | LD | AA61-30001A | LATCH-DOOR;-,-,-,KIFUCOLA701,- | |
| ...3 | INAV | AA64-00246P | INLAY AV;29A11,SHEET PS,T0.3,K55A DO SIL | |
| ...3 | DAV | AA64-03346D | DOOR-AV;29A11,ABS HB,G4309,SVM3012 | |
| ...3 | INPC | AA64-60446C | INLAY-PC,JACK;29A6,L/GRAY,PS SHEET,T0.5, | |
| ...3 | SF+DAV | AA63-00099D | SPACER-FELT;A10,FELT,WHITE,T0.5,20*10 | |
| ..2 | L/WARR | AA68-01619A | LABELWARNING;ARTPAPER90(S) | |

## ASSY COVER REAR

| | | | | |
|---|---|---|---|---|
| 1 | A/CREA | AA90-04675A | ASSY COVER REAR;TXN2771HFX/XAC,K55A | |
| ..2 | BC | AA64-03378A | CABINET BACK;S29A10,HIPS | |
| ..2 | SPACER | AA60-00091J | SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,- | |
| ..2 | AC+BC | AA65-30008A | CLAMP-CORD;-,PE,HB,BLK,-,- | |
| ..2 | TB+RCA | AA60-10050T | SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW | |
| ..2 | CB+TBA | AA60-10050T | SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW | |
| ..2 | CB+CF | AA60-10050T | SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW | |
| ..2 | F/BOX | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | FBT | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | ADH-SI | 0201-001059 | ADHESIVE-SILICON;B#9590,CARTRIGE | |
| ..2 | L/WARR | AA68-01620A | LABEL-WARNING;ARTPAPER90(S) | |
| ..2 | L/STAR | AA68-01557A | LABEL ENERGY;STAR,STATIC FREE FILM | |
| ..2 | L/RAT | AA68-02692A | LABEL RATING;WHITE-PAPER,60X90MM,SEA/SEC | |
| ..2 | TBA | AA96-01519A | ASSY COVER P-TERMINAL BOARD;DP AA96-0141 | |
| ..2 | INL/TB | AA64-03410C | INLAY-TERMINAL;29A10,PS,SHEET,T0.5,,,BLK | |

## ASSY P/MATERIAL

| | | | | |
|---|---|---|---|---|
| 1 | A/PMAT | AA92-07643A | ASSY P/MATERIAL;29A10,,,, | |

## ASSY BOX

| | | | | |
|---|---|---|---|---|
| 1 | A/BOX | AA92-07640B | ASSY BOX;TXN2771HFX/XAA | |

## ASSY ACCESSORY

| | | | | |
|---|---|---|---|---|
| 1 | A/ACCS | AA92-07911A | ASSY ACCESSORY;A10,K55A | |
| ..2 | BATT | 4301-000120 | BATTERY-MN;1.5V,-,AA | |
| ..2 | RMT | AA59-00251B | REMOCON;TM58,YOUNG STAR,41,SS,G6671B,MBR | |
| ..2 | W/CARD | AA68-00682C | CARD WARRANTY,PDP,W/P120(G),SECA,B5,BOTH | |
| ..2 | B/WARR | AA68-01561A | CARD WARRANTY;BLOCK,STATEMENT ONLY,SEA/S | |
| ..2 | C/REG | AA68-01553A | CARD-REGISTRATION;WHTPAPER120S,SECA | |
| ..2 | I/B | AA68-02723A | MANUAL USERS;CT-29A10,,ENG,,W/P100G,,,,K | |
| ..2 | I/B2 | AA68-02724A | MANUAL USERS;CT-29A10HR,,FRE,,W/P100G,,, | |
| ..2 | BAG-PE | AA69-01195A | BAG PE;CL29A6W8X,HDPET0.012,93/4X151 | |
| ..2 | AC-TAP | 0203-001279 | TAPE-OPP MASKING;#232,T0.14,W15,L50000,Y | |
| ..2 | C/RCA | AA39-40001B | PATCH-CORD;3P-3P1500MMRED,WHT,YEL,500 | |

# 6-3 TXN2670WHFXXAA

You can search for the updated part code through ITSELF web site.
URL : http://itself.sec.samsung.co.kr

## ASSY CHASSIS

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| 1 | A/CHAS | AA91-05810M | ASSY CHASSIS;TXN2670WHFXXAA,K55A | |
| ..2 | A/MAIN | AA94-12678A | ASSY PCB MAIN;TXN2670WHFXXAA,K55A | |
| ...3 | Q402 | 0505-001116 | FET-SILICON;BUZ73A,N,200V,22A,0.6ohm,40W | |
| ⚠ ...3 | PC801S | 0604-001038 | PHOTOCOUPLER;TR,130-260%,200MW | |
| ...3 | IC902 | 1103-001177 | IC-EEPROM24WC16,2048x8bit,DIP,8P,2.5V | |
| ⚠ ...3 | IC401 | 1202-000103 | IC-VOLTAGECOMP.393,DIP,8P,300MIL,DUAL, | |
| ⚠ ...3 | IC803 | 1203-001225 | IC-POSI.FIXEDREG.;78R09,TO-220,4P-,PLA | |
| ...3 | IC601 | 1204-001967 | IC-SOUND PROCESSOR;MSP3420G-P0-B8,DIP,52 | |
| ⚠ ...3 | PT801S | 1404-001154 | THERMISTOR-PTC;4.5OHM,+30%/-20%,220V,270 | |
| ⚠ ...3 | NT802S | 1404-001045 | THERMISTOR NTC;4.7OHM,15%,2900K,35.0MW,T | |
| ⚠ ...3 | CY801S | 2201-002002 | C-CERAMIC,DISC;4700PF,20%,400V | |
| ...3 | C423 | 2306-001017 | C-FILM,MPPF;680NF,5%,400V,26X1 | |
| ⚠ ...3 | CR406S | 2306-000324 | C-FILM,MPPF;3.3nf,5%,1.6KV,TP,28.5x13.5x | |
| ⚠ ...3 | CR405S | 2306-000324 | C-FILM,MPPF;3.3nf,5%,1.6KV,TP,28.5x13.5x | |
| ⚠ ...3 | CR407S | 2301-001398 | C-FILM,MPPF;3.3nF,5%,2kV,TP,29x8.5x1.5mm | |
| ...3 | C806 | 2306-000112 | C-FILM,MPPF;100NF,20%,250V,-,1 | |
| ...3 | C426 | 2306-001004 | C-FILM,MPPF;300nF,5%,400V,TP,26x14x21mm, | |
| ⚠ ...3 | CX801S | 2306-000318 | C-FILM,MPPF;220NF,20%,250V,-,2 | |
| ⚠ ...3 | CX802S | 2306-000318 | C-FILM,MPPF;220NF,20%,250V,-,2 | |
| ...3 | C803 | 2401-001676 | C-AL;820uF,20%,250V,GP,-,35x40mm,10 | |
| ...3 | C815 | 2401-000822 | C-ELECTROLYTIC;CE04W200V220U-H | |
| ...3 | C820 | 2401-003419 | C-AL;2200uF,20%,50V,WT,TP,16X35.5mm | |
| ⚠ ...3 | RL801S | 3501-001053 | RELAY-POWER;5Vdc,530mW,10A,1FormA,15mS,5 | |
| ⚠ ...3 | FP801S | 3601-000293 | FUSE-CARTRIDGE;250V,5A,SLOW-BLOW,GLASS,5 | |
| ...3 | CN902 | 3711-003043 | CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH | |
| ...3 | CN905 | 3711-002642 | POST-HEADER;67094-003(AUTO) | |
| ...3 | JA701 | 3722-001765 | JACK-PIN;9P(9P),-,NI,YEL/GRN/WHT/BLU/RED | |
| ...3 | JA702 | 3722-001766 | JACK-PIN;7P(9P),-,NI,GN/WH/WH/BL/RD/RD/R | |
| ...3 | CN702 | 3711-003641 | CONNECTOR-HEADER;BOX,12P,1R,2. | |
| ...3 | IC901 | AA97-14110A | ASSY MICOM;,K55A,SDA55XX,T_YSPT02_001,20 | |
| ....4 | IC901 | AA09-00041A | IC-MCU;SDA555X-OTP,SDA555X-OTP,-,-,52 | |
| ...3 | HIC401 | AA13-00094A | IC HYBRID;-,DDRI001A,SIP5P,-,TP | |
| ⚠ ...3 | T801S | AA26-00010B | TRANS SWITCHING;EER5345,K55A ,90~264V,PM | |
| ⚠ ...3 | T444S | AA26-00206A | TRANS FBT;FUJ34H005F,CPTTV,2.3mH,FERRITE | |
| ⚠ ...3 | T401 | AA26-50001S | TRANS-HORIZ.DRIVE;-,-,-,6.0mH,-,-,44uH,- | |
| ⚠ ...3 | LR403S | AA27-30003Q | COIL-LINEARLITY;-,8.8uH,YL81 15x18,USTC0 | |
| ⚠ ...3 | LR405S | AA27-00308A | COIL CHOKE;3mH,CS29A11,3mH,10%,1.8ohm,0. | |
| ...3 | L808 | AA27-00098A | COIL CHOKE;-,-,24uH,10%,-,0.1,3.0A,DR10X | |
| ⚠ ...3 | LR402S | AA27-10004F | COIL-CHOKE;-,56uH,K,-,2.5A,BK,-,DR12x15, | |
| ⚠ ...3 | LR404S | AA27-40003P | COIL-HORIZ.WIDTH;-,120uH/180uH,Th8x20,US | |
| ⚠ ...3 | LX801S | AA29-00011A | FILTER LINE NOISE;CZ32W8,-,0.20MAX,1.5KV | |
| ⚠ ...3 | LX802S | AA29-00012A | FILTER LINE NOISE;CS29A6PF8X/HAC,-,0.1MA | |
| ⚠ ...3 | GT804S | AA39-20010B | LEAD-CONNECTOR,ASSY;-,YFH800-01,500MM,1P | |
| ...3 | R/WIRE | AA39-20536G | LEAD CONNECTOR ASSY;,1P,F,F,60MM,1617#22 | |
| ...3 | TAPE | 0203-001203 | TAPE-DOUBLE FACE;#4016,T1.6,W10,L1000,NT | |
| ...3 | TAPE+R | 0203-001203 | TAPE-DOUBLE FACE;#4016,T1.6,W10,L1000,NT | |
| ...3 | RWK | 2201-000984 | C-CERAMIC,DISC;680PF,10%,2KV,Y | |
| ⚠ ...3 | TU01S | AA40-00020A | TUNER-F/S;TCLN3181PA09A(S),NTSC,TR,181CH | |
| ...3 | H/COVE | AA61-00707B | HOLDER-COVER;ALL MODEL,NYLON-66 T1.0 V2, | |
| ...3 | MD201 | AA95-03206A | ASSY SUB PCB-NTSC F-BOX;DP 29A10,32A10.3 | |
| ⚠ ...3 | IC805 | AA96-00243K | ASSY H/S;-,REGULATOR,AA62-00045A,KA78R0 | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 1203-001006 | IC-VOLTAGEREGULATOR78R05,TO-220F,4P | |
| ....4 | | 6003-000335 | SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR | |
| ....4 | | AA62-00045A | HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-, | |
| ...3 | HC401 | BP96-00159A | ASSY HEAT SINK P;H/S,SCREW,FJL6920,FMP-3 | |
| ....4 | | 0205-001027 | OIL-SILICON;G746 | |
| ....4 | | 0402-001296 | DIODE-RECTIFIER;FMP-3FU,1500V,5A,T0-3PF | |
| ....4 | | 0502-001230 | TR-POWER;FJL6920YDTU,N,200000MW,TO-264 F | |
| ....4 | | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ....4 | | AA60-30001A | WASHER-PLATE;-,M3,ID3.5,15X8.5,T1.0,-,SB | |
| ....4 | | BH73-00028B | SILICON/RUBBER-HS;TV ALL,SILICON,26*30*T | |
| ....4 | | BP62-00015A | HEAT SINK-PS;WT-36Z4HR,A1050S,T2.0,86,80 | |
| ⚠ ...3 | D801S | AA96-00276C | ASSY H/S;-,BRIDGE ,AA62-00052A,GSIB660, | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 0402-001399 | DIODE-BRIDGE;GSIB660,600V,6A,SIP-4,BK | |
| ....4 | | 6003-000335 | SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR | |
| ....4 | | AA60-30003A | WASHER;-,-,-,-,T1.5,-,SBHG-1 | |
| ....4 | | AA62-00052A | HEAT SINK-PS;-,-,-,SILVER,HOLE 18.5mm, 2 | |
| ...3 | HC801 | BP96-00231A | ASSY HEAT SINK P;HS TR,SCREW,FML-G12S(3) | |
| ....4 | | 0205-001027 | OIL-SILICON;G746 | |
| ....4 | | 0402-000233 | DIODE-RECTIFIER;FML-G12S,200V, | |
| ....4 | | 0402-001230 | DIODE-RECTIFIERFMG-G2CS,1000V,3A,TO-22 | |
| ....4 | | 1203-002587 | IC-POSI.FIXED REG.;KA278R05TU,TO-220,4P, | |
| ....4 | | 6003-000334 | SCREW-TAPTITE;RH,+,2S,M3,L6,ZP | |
| ....4 | | BP62-00029A | HEAT SINK-PS;CT-29A10,A1050S,T2.0,40,89, | |
| ...3 | IC602 | AA96-50369D | ASSY H/S;-,SOUND,AA62-30181F,TDA7269,HER | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 1201-001385 | IC-POWER AMP;7269A,ZIP,11,19.6,DUAL,13,P | |
| ....4 | | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ....4 | | AA62-30181F | HEAT-SINK,ES;-,AL6063 EXTR.,2,WHT,50MM,- | |
| ⚠ ...3 | IC801S | AA96-50371H | ASSY H/S;-,SMPS,AA62-30181H,5Q1565RF,HER | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 1203-002512 | IC-PWM CONTROLLER;KA5Q1565RF-YDTU,TO-3PF | |
| ....4 | | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ....4 | | AA61-11028A | BRACKET-IC;SECC,T1.0,-, | |
| ....4 | | AA62-30181H | HEATSINK-ES;-,AL6063EXTR.,2,WHT,50MM,- | |
| ...3 | IC301 | AA96-50381A | ASSY-H/S;-,-,AA62-30180B,LA7845,- | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 1204-000517 | IC-LINEAR;LA7845SIPVERTICALAMP | |
| ....4 | | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ....4 | | AA62-30180B | HEAT-SINK,ES;-,A6063 EXTR.,2,WHT,70MM,-, | |
| ...3 | Q804 | BH99-00007S | ASSY HEAT/SINK;KSC2073,MICOM,HERCULES,BH | |
| ....4 | CIS | 0205-001027 | OIL-SILICON;G746 | |
| ....4 | CIS | 0502-001007 | TR-POWER;KSC2073-H2,NPN,150V,1 | |
| ....4 | CIS | BH61-00004A | SPRING TR;SUS304,W1/2H,T0.4,W3.5 | |
| ....4 | CIS | BH62-00007A | HEAT SINK TR T1.0,L20*H30 CDA | |
| ...3 | Q404 | 0505-001723 | FET-SILICON;FQP630TSTU,N,200V,9A,0.4OHM, | |
| ⚠ ...3 | IC402 | 1203-000243 | IC-POSI.FIXEDREG.;7812,TO-220, | |
| ...3 | IC903 | 1203-001944 | IC-POSI.FIXEDREG.78RM33,TO-220,3P,PLAST | |
| ...3 | IC202 | 1203-001944 | IC-POSI.FIXEDREG.78RM33,TO-220,3P,PLAST | |
| ...3 | CN601 | 3711-002644 | POST-HEADER;67094-005(AUTO) | |
| ...3 | CN901 | 3711-002645 | POST-HEADER;67094-006(AUTO) | |
| ...3 | CN502 | 3711-002647 | POST-HEADER;67094-008(AUTO) | |
| ...3 | L/PQS | AA68-01018A | LABEL-PQS,-,50mmX,13,-,WHITE,- | |
| ⚠ ...3 | PWR/AC | AA96-00156F | ASSY POWER CORD;EP2/YES(US),H/S 300mm,KJ | |
| ....4 | WPVC | 3811-000401 | WIRE-VINYLU/C;1007-10#22(S)-BLK | |
| ....4 | PWCORD | AA39-10007Y | POWER-CORD;-,EP2/YES,SPT-2 18AWGx2C,2.4m | |
| ....4 | HOLD | AA61-20284A | HOLDER P CORD;PP,VO,BLK,KE-002 | |
| ....4 | B-T | AA63-10002B | BAND-TIE;-,NYLON66V2,-,-,L140,NTR,-,- | |
| ....4 | CORE1 | 3301-001201 | CORE-FERRITE;AE,230.5x10.25x36mm,1500,28 | |
| ...3 | | 0202-000008 | SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37 | |
| ...3 | | 0202-000187 | SOLDER-WIREFLUX;-,RS60S,D1.2,6 | |
| ...3 | | 0204-000442 | SOLVENT;CH3-CH5H-CH396%IM-1000 | |
| ...3 | | 0204-001024 | FLUX;DF-96TVS,-,20%,- | |
| ...3 | C408 | 2301-001143 | C-FILM,PPF;56nF,5%,400V,TP,20x10x17,7.5 | |
| ...3 | X601 | 2801-004020 | CRYSTAL-UNIT;18.432MHz,30ppm,28-AAM,12pF | |
| ...3 | A/AUTO | AA97-13792Z | ASSY AUTO-MAIN;TXN2670WHFXXAA,K55A | |
| ....4 | D201 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | D202 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | D207 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ⚠ ....4 | D405 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ⚠ ....4 | D410 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | D603 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | D604 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ⚠ ....4 | D805 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | DZ402 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ....4 | D403 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |
| ....4 | D406 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |
| ....4 | D607 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |
| ⚠ ....4 | D808 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |
| ....4 | D907 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41 | |
| ⚠ ....4 | D409 | 0402-000493 | DIODE-RECTIFIER;1R5GU41,400V,1 | |
| ⚠ ....4 | D402 | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | D404 | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | D408 | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | D411 | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | DR01S | 0402-000534 | DIODE-RECTIFIER;RG10V,400V,1.5 | |
| ⚠ ....4 | D401 | 0402-000540 | DIODE-RECTIFIER;RU20A,600V,1.5 | |
| ....4 | D301 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ⚠ ....4 | D803 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ⚠ ....4 | D804 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ⚠ ....4 | D816 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ....4 | DZ404 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ601 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ603 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ605 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ808 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ902 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ903 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ907 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ908 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ909 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ910 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ....4 | DZ901 | 0403-000510 | DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500 | |
| ....4 | DZ306 | 0403-000700 | DIODE-ZENER;TZP33A,33V,31-35V, | |
| ....4 | DZ804 | 0403-000700 | DIODE-ZENER;TZP33A,33V,31-35V, | |
| ....4 | DZ802 | 0403-000716 | DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m | |
| ....4 | DZ307 | 0403-001118 | DIODE-ZENER;MTZ30A,26.99-28.39 | |
| ....4 | DZ304 | 0403-001221 | DIODE-ZENER;UZ39BSB,35.36-37.19V,500MW,D | |
| ....4 | DZ806 | 0403-001317 | DIODE-ZENER;MTZJ3.0B,3.01-3.22V,500mW,DO | |
| ....4 | DZ602 | 0403-001322 | DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO | |
| ....4 | DZ801 | 0403-001322 | DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO | |
| ....4 | DZ401 | 0403-001325 | DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D | |
| ....4 | DZ803 | 0403-001327 | DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D | |
| ....4 | DZ302 | 0403-001329 | DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW, | |
| ....4 | DZ303 | 0403-001329 | DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW, | |
| ....4 | DZ305 | 0403-001329 | DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW, | |
| ....4 | DZ807 | 0403-001330 | DIODE-ZENER;MTZJ30A,26.99-28.39V,500mW,D | |
| ....4 | D902 | 0404-000156 | DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP | |
| ....4 | D903 | 0404-000156 | DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP | |
| ....4 | D904 | 0404-000156 | DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP | |
| ....4 | Q802 | 0501-000369 | TRANSISTOR;KSC2331-Y(TAPG) | |
| ....4 | Q601 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q603 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q801 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q803 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q901 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q906 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q907 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q908 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q911 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q912 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q913 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q914 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ⚠ ....4 | QR02S | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q915 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q805 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ....4 | Q909 | 0505-000109 | FET-SILICON;2N7000,N,60V,200mA,5ohm,400 | |
| ....4 | Q910 | 0505-000109 | FET-SILICON;2N7000,N,60V,200mA,5ohm,400 | |
| ⚠ ....4 | IC804 | 1203-001217 | IC-POST,ADJUSTREG;431,T0-92,3P,4.58MIL,P | |
| ....4 | IC904 | 1203-001943 | IC-VOL.DETECTOR;7025,T0-92,3P,PLASTIC | |
| ⚠ ....4 | VP801S | 1405-000187 | VARISTOR;750V,1250A,12.5x7mm,TP | |
| ⚠ ....4 | VX801S | 1405-000187 | VARISTOR;750V,1250A,12.5x7mm,TP | |
| ....4 | R303 | 2001-000016 | R-CARBON(S);10HM,5%,1/2W,AA,TP | |
| ....4 | R801 | 2001-000019 | R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4m | |
| ....4 | R411 | 2001-000028 | R-CARBON(S);100OHM,5%,1/2W,AB, | |
| ....4 | R317 | 2001-000066 | R-CARBON(S);10KOHM,5%,1/2W,AA, | |
| ....4 | R810 | 2001-000109 | R-CARBON(S);470OHM,5%,1/2W,AA, | |
| ....4 | R624 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ....4 | R631 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ....4 | R822 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ....4 | R102 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R103 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R203 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R204 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R604 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R605 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R612 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R613 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R915 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R916 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R917 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R925 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R940 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R941 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R942 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R948 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R950 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R951 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R954 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R955 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R968 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ....4 | R824 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| ....4 | R310 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R606 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R628 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R630 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R632 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R935 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R967 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R973 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ⚠ ....4 | RR10S | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R309 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ....4 | R603 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R816 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R817 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R902 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R914 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R924 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R936 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R963 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R972 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R974 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ⚠ ....4 | RR08S | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R833 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP | |
| ....4 | R912 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP | |
| ....4 | R981 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP, | |
| ....4 | R982 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP, | |
| ....4 | R983 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP, | |
| ....4 | R984 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP, | |
| ....4 | R629 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R823 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R937 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R953 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R961 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP, | |
| ....4 | R952 | 2001-000613 | R-CARBON;3.9KOHM,5%,1/8W,AA,TP | |
| ....4 | R911 | 2001-000628 | R-CARBON;300OHM,5%,1/8W,AA,TP, | |
| ....4 | R623 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP, | |
| ....4 | R633 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP, | |
| ....4 | R105 | 2001-000702 | R-CARBON;39KOHM,5%,1/8W,AA,TP, | |
| ....4 | R617 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R618 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R842 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R901 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R903 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R904 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R905 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R906 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R908 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R909 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R921 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R927 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R928 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R938 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R945 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R946 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R949 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R965 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R966 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R988 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R918 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP | |
| ....4 | R607 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R608 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R609 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R614 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R615 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R616 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R809 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R812 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R813 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R919 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | R920 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R958 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ⚠ ....4 | RR09S | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R910 | 2001-000780 | R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R960 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP, | |
| ....4 | R926 | 2001-000793 | R-CARBON;47OHM,5%,1/8W,AA,TP,1 | |
| ....4 | R841 | 2001-000812 | R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R106 | 2001-000864 | R-CARBON;56Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R101 | 2001-000869 | R-CARBON;56OHM,5%,1/8W,AA,TP,1 | |
| ....4 | R922 | 2001-000924 | R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ....4 | R913 | 2001-001015 | R-CARBON;9.1Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| ....4 | R907 | 2001-000995 | R-CARBON;820OHM,5%,1/8W,AA,TP, | |
| ....4 | R838 | 2001-001050 | R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | R419 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R421 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R626 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R627 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R314 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | R315 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | D601 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | D602 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | D605 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | D606 | 2001-001093 | R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | R820 | 2001-001096 | R-CARBON(S);2.2OHM,5%,1/2W,AA, | |
| ....4 | R819 | 2004-001983 | R-METAL;2.49KOHM,1%,1/2W,AA,TP,2.4X6.4 | |
| ....4 | R418 | 2004-004045 | R-METAL(S);390OHM,1%,1/2W,AA,TP,2.5X6.5M | |
| ....4 | R316 | 2001-001129 | R-CARBON(S);330KOHM, 5%, 1/2W | |
| ....4 | R818 | 2001-001131 | R-CARBON(S);33KOHM,5%,1/2W,AA, | |
| ....4 | R634 | 2001-001146 | R-CARBON(S);4.7OHM,5%,1/2W,AA, | |
| ....4 | R635 | 2001-001146 | R-CARBON(S);4.7OHM,5%,1/2W,AA, | |
| ....4 | R805 | 2001-001150 | R-CARBON(S);470KOHM,5%,1/2W,AA | |
| ....4 | R806 | 2001-001150 | R-CARBON(S);470KOHM,5%,1/2W,AA | |
| ....4 | R301 | 2001-001163 | R-CARBON(S);560OHM,5%,1/2W,AA, | |
| ....4 | R432 | 2001-001164 | R-CARBON(S);56KOHM,5%,1/2W,AA, | |
| ....4 | R811 | 2001-001188 | R-CARBON(S);8.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ....4 | R808 | 2001-001197 | R-CARBON(S);910OHM,5%,1/2W,AB,TP,2.4X6.4 | |
| ⚠ ....4 | RP802S | 2002-001010 | R-COMPOSITION;1.8MOHM,5%,1/2W,AA,TP,3.7X | |
| ⚠ ....4 | RY801S | 2002-001012 | R-COMPOSITION;8.2MOhm,5%,1/2W,AA,TP,3.7X | |
| ....4 | R426 | 2003-000540 | R-METALOXIDE(S);1KOHM,5%,2W,AD | |
| ....4 | R433 | 2003-000540 | R-METALOXIDE(S);1KOHM,5%,2W,AD | |
| ....4 | R802 | 2003-000586 | R-METALOXIDE(S);22KOHM,5%,2W,A | |
| ....4 | R803 | 2003-000586 | R-METALOXIDE(S);22KOHM,5%,2W,A | |
| ....4 | R804 | 2003-000586 | R-METALOXIDE(S);22KOHM,5%,2W,A | |
| ....4 | R412 | 2003-000592 | R-METALOXIDE(S);22OHM,5%,2W,AD | |
| ....4 | R409 | 2003-000998 | R-METALOXIDE;3000HM,5%,2W,AF,T | |
| ....4 | R410 | 2003-000998 | R-METALOXIDE;3000HM,5%,2W,AF,T | |
| ....4 | R401 | 2003-001025 | R-METALOXIDE(S);15KOHM,5%,2W,A | |
| ....4 | R402 | 2003-001025 | R-METALOXIDE(S);15KOHM,5%,2W,A | |
| ....4 | R416 | 2003-001025 | R-METALOXIDE(S);15KOHM,5%,2W,A | |
| ....4 | R435 | 2003-001042 | R-METALOXIDE(S);5.6KOHM,5%,2W,AF,TP,3.9X | |
| ....4 | R403 | 2003-002064 | R-METALOXIDE;7.5OHM,5%,2W,AF,T | |
| ....4 | R434 | 2003-002064 | R-METALOXIDE;7.5OHM,5%,2W,AF,T | |
| ....4 | R830 | 2003-002157 | R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM | |
| ....4 | R835 | 2003-002181 | R-METAL OXIDE(S);68Kohm,5%,2W,AG,TP,3.9x | |
| ....4 | R428 | 2004-000698 | R-METAL;3.3KOHM,1%,1/4W,AA,TP, | |
| ....4 | R302 | 2004-001369 | R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4 | |
| ....4 | R308 | 2004-001369 | R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4 | |
| ⚠ ....4 | RR430S | 2004-001390 | R-METAL(S);1KOHM,2%,1/2W,AA,TP | |
| ....4 | R423 | 2004-001390 | R-METAL(S);1KOHM,2%,1/2W,AA,TP | |
| ....4 | R821 | 2004-002015 | R-METAL,FILM;RM1/2T140K-F | |
| ....4 | R440 | 2004-001893 | R-METAL(S);22KOHM,1%,1/2W,AA,T | |
| ....4 | R420 | 2004-001397 | R-METAL(S);4.7KOHM,1%,1/2W,AA, | |
| ....4 | R431 | 2004-002016 | R-METALFILM;RM1/2T(S)153-F15K | |
| ....4 | R415 | 2004-004097 | R-METAL;1.6Kohm,2%,1/2W,AA,TP,6.5x2.5m | |
| ....4 | R422 | 2008-000251 | R-FUSIBLE(S);0.27OHM,10%,2W,AF | |
| ....4 | R414 | 2008-000253 | R-FUSIBLE(S);0.47OHM,5%,1W,AF, | |
| ....4 | R815 | 2008-000284 | R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M | |
| ....4 | R827 | 2008-000284 | R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M | |
| ....4 | R405 | 2008-001011 | R-FUSIBLE(S);0.18OHM,10%,2W,AF | |
| ....4 | R413 | 2008-001018 | R-FUSIBLE(S);0.47OHM,10%,2W,AF | |
| ....4 | R828 | 2008-001088 | R-FUSIBLE(S);1ohm,5%,2W,AG,TP,3.9x12mm | |
| ....4 | R424 | 2008-001109 | R-FUSIBLE(S);0.18ohm,10%,2W,AG,TP,3.9x12 | |
| ....4 | R425 | 2008-001109 | R-FUSIBLE(S);0.18ohm,10%,2W,AG,TP,3.9x12 | |
| ....4 | R304 | 2008-001108 | R-FUSIBLE(S);1.2ohm,5%,2W,AG,TP,3.9x12mm | |
| ....4 | R307 | 2008-001108 | R-FUSIBLE(S);1.2ohm,5%,2W,AG,TP,3.9x12mm | |
| ....4 | R829 | 2008-001148 | R-FUSIBLE;3.3OHM,5%,1W,AG,TP,3.9X12MM | |
| ....4 | C303 | 2201-000132 | C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM, | |
| ....4 | C424 | 2201-000132 | C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM, | |
| ....4 | C656 | 2201-000304 | C-CERAMIC,DISC0.001nF,0.25pF,50V,NP0,TP | |
| ....4 | C657 | 2201-000304 | C-CERAMIC,DISC0.001nF,0.25pF,50V,NP0,TP | |
| ....4 | C804 | 2201-000332 | C-CERAMIC,AC;CK45PTAPGE250V222 | |
| ....4 | C805 | 2201-000332 | C-CERAMIC,AC;CK45PTAPGE250V222 | |
| ....4 | C632 | 2201-000370 | C-CERAMIC,DISC;220PF,10%,50V,Y5P,TP | |
| ....4 | C828 | 2201-000374 | C-CERAMIC,DISC;220pF,5%,50V,CH,TP,12.5x3 | |
| ....4 | C401 | 2201-000556 | C-CERAMIC,DISC;470PF,10%,500V, | |
| ....4 | C403 | 2201-000556 | C-CERAMIC,DISC;470PF,10%,500V, | |
| ....4 | C421 | 2201-000556 | C-CERAMIC,DISC;470PF,10%,500V, | |
| ⚠ ....4 | CR01S | 2201-000556 | C-CERAMIC,DISC;470PF,10%,500V, | |
| ....4 | C601 | 2201-000558 | C-CERAMIC,DISC;470PF,10%,50V,Y | |
| ....4 | C817 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ....4 | C819 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ....4 | C822 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ....4 | C654 | 2201-000611 | C-CERAMIC,DISC;56PF,5%,50V,NPO | |
| ....4 | C910 | 2201-000980 | C-CERAMIC,DISC;30PF,5%,50V,NPO,5.0X3.0,5 | |
| ....4 | C911 | 2201-000980 | C-CERAMIC,DISC;30PF,5%,50V,NPO,5.0X3.0,5 | |
| ....4 | C830 | 2201-000984 | C-CERAMIC,DISC;680PF,10%,2KV,Y | |
| ....4 | C814 | 2201-002028 | C-CERAMIC,DISC;0.47nF,10%,2kV,Y5P,TP,7.5 | |
| ....4 | C927 | 2202-000127 | C-CERAMIC,MLC-AXIAL;10NF,+80-2 | |
| ....4 | C109 | 2202-000216 | C-CERAMIC,MLC-AXIAL;.027NF,5%,50V,SL,TP, | |
| ....4 | C110 | 2202-000216 | C-CERAMIC,MLC-AXIAL;.027NF,5%,50V,SL,TP, | |
| ....4 | C627 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C629 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C633 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C636 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C637 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C638 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C639 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C642 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C906 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ....4 | C701 | 2202-000243 | C-CERAMIC,MLC-AXIAL;33PF,5%,50 | |
| ....4 | C647 | 2202-000286 | C-CERAMIC,MLC-AXIAL;56PF,5%,50 | |
| ....4 | C924 | 2202-000632 | C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP | |
| ....4 | C903 | 2202-000719 | C-CERAMIC,MLC-AXIAL;6.8nF,20%,16V,Y5R,TP | |
| ....4 | C606 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C607 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C608 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C615 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C905 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C614 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1NF,10%,50 | |
| ....4 | C116 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C901 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C919 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C921 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C928 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ....4 | C649 | 2301-000108 | C-FILM,PEF;1.5NF,5%,50V,6.5X3.0X5.5MM,5M | |
| ....4 | C306 | 2301-000160 | C-FILM,PEF;12NF,5%,50V,11.0X6. | |
| ....4 | C432 | 2301-000192 | C-FILM,PEF;1NF,5%,50V,5.3X10MM | |
| ....4 | C610 | 2301-000192 | C-FILM,PEF;1NF,5%,50V,5.3X10MM | |
| ....4 | C611 | 2301-000192 | C-FILM,PEF;1NF,5%,50V,5.3X10MM | |
| ....4 | C902 | 2301-000192 | C-FILM,PEF;1NF,5%,50V,5.3X10MM | |
| ....4 | C411 | 2301-000192 | C-FILM,PEF;1NF,5%,50V,5.3X10MM | |
| ....4 | C802 | 2301-000204 | C-FILM,PEF;2.7NF,5%,50V,7.4X3. | |
| ....4 | C420 | 2301-000213 | C-FILM,PEF;220NF,5%,250V,21.5X | |
| ....4 | C809 | 2301-000224 | C-FILM,PEF;22NF,5%,50V,7.4X3.9 | |
| ....4 | C821 | 2301-000224 | C-FILM,PEF;22NF,5%,50V,7.4X3.9 | |
| ....4 | C415 | 2301-000261 | C-FILM,PEF;4.7NF,5%,100V,10.5X | |
| ....4 | C909 | 2301-000383 | C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm | |
| ....4 | C412 | 2301-000383 | C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm | |
| ....4 | C425 | 2301-001259 | C-FILM,MPPF;100nF,5%,400V,TP,19x8x16,7.5 | |
| ....4 | C409 | 2301-001385 | C-FILM,PPF;30nF,5%,630V,TP,20x15.5x10.5, | |
| ....4 | C807 | 2303-000163 | C-FILM,PPF;2.2NF,5%,800V,-,-,T | |
| ....4 | C305 | 2305-000149 | C-FILM;CF922N100VT104-J-40/105 | |
| ....4 | C304 | 2305-000285 | C-FILM,MPEF;220NF,5%,100V,-,5M | |
| ....4 | C308 | 2305-000412 | C-FILM,MPEF;470NF,5%,63V,-,5MM | |
| ....4 | C907 | 2305-000412 | C-FILM,MPEF;470NF,5%,63V,-,5MM | |
| ....4 | C101 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C103 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C105 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C201 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C206 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C240 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C416 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C417 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C605 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | C635 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C646 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C651 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C658 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C659 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C812 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C825 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C831 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C836 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C837 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C843 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C844 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C914 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C916 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C922 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C923 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C925 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ....4 | C619 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C620 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C621 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C626 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C628 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C640 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C641 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C643 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C912 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm | |
| ....4 | C644 | 2401-000192 | C-ELEC;CE04-40/8550VT102-MW1SG | |
| ....4 | C648 | 2401-000192 | C-ELEC;CE04-40/8550VT102-MW1SG | |
| ....4 | C816 | 2401-000262 | C-AL;100UF,20%,160V,GP,16X25MM,5MM, | |
| ....4 | C801 | 2401-000287 | C-AL;100UF,20%,16V,WT,6X11MM,5 | |
| ....4 | C634 | 2401-000302 | C-AL;100UF,20%,25V,GP,6X11MM,5 | |
| ....4 | C302 | 2401-000365 | C-AL;100uF,20%,50V,WT,TP,10x12.5mm, | |
| ....4 | C307 | 2401-000365 | C-AL;100uF,20%,50V,WT,TP,10x12.5mm, | |
| ....4 | C106 | 2401-000480 | C-AL;10UF,20%,50V,GP,5X11MM,5M | |
| ⚠ ....4 | CR02S | 2401-000480 | C-AL;10UF,20%,50V,GP,5X11MM,5M | |
| ....4 | C413 | 2401-000493 | C-AL;10UF,20%,50V,WT,5X11MM,5M | |
| ....4 | C832 | 2401-000493 | C-AL;10UF,20%,50V,WT,5X11MM,5M | |
| ....4 | C918 | 2401-000493 | C-AL;10UF,20%,50V,WT,5X11MM,5M | |
| ....4 | C604 | 2401-000603 | C-AL;1UF,20%,50V,GP,5X11MM,5MM | |
| ....4 | C612 | 2401-000603 | C-AL;1UF,20%,50V,GP,5X11MM,5MM | |
| ....4 | C613 | 2401-000611 | C-AL;1UF,20%,50V,WT,5X11MM,5MM | |
| ....4 | C841 | 2401-000611 | C-AL;1UF,20%,50V,WT,5X11MM,5MM | |
| ....4 | C818 | 2401-000722 | C-AL;2200uF,20%,25V,WT,TP,16x25,7.5 | |
| ....4 | C835 | 2401-000722 | C-AL;2200uF,20%,25V,WT,TP,16x25,7.5 | |
| ....4 | C660 | 2401-000962 | C-AL;22uF,20%,50V,GP,TP,5x11,5 | |
| ....4 | C602 | 2401-001026 | C-AL;3.3UF,20%,50V,GP,5X11MM,5 | |
| ....4 | C655 | 2401-001026 | C-AL;3.3UF,20%,50V,GP,5X11MM,5 | |
| ....4 | C402 | 2401-001397 | C-AL;470UF,20%,25V,GP,10X16MM, | |
| ....4 | C838 | 2401-001513 | C-AL;47UF,20%,16V,WT,5X11MM,5M | |
| ....4 | C840 | 2401-001513 | C-AL;47UF,20%,16V,WT,5X11MM,5M | |
| ....4 | C422 | 2401-001527 | C-AL;47UF,20%,250V,HR,13X25MM, | |
| ....4 | C102 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5 | |
| ....4 | C913 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5 | |
| ....4 | C915 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5 | |
| ....4 | C917 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5 | |
| ....4 | C823 | 2401-000318 | C-AL(105C);100UF,20%,25V,WT,8X | |
| ....4 | C653 | 2401-002216 | C-AL;2200UF,20%,35V,-,16X25,7. | |
| ....4 | C207 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C239 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C603 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C630 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C631 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C645 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C652 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C920 | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ⚠ ....4 | CR03S | 2401-000050 | C-AL;10UF,20%,16V,GP,TP,5X11,2.5 | |
| ....4 | C404 | 2401-002288 | C-ELEC;CE04-55/10525VT471-MWRG | |
| ....4 | C202 | 2401-002463 | C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE | |
| ....4 | C810 | 2401-002463 | C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE | |
| ....4 | C811 | 2401-002463 | C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE | |
| ....4 | C414 | 2401-002597 | C-AL;220uF,20%,35V,GP,TP,10x12.5,5 | |
| ....4 | C418 | 2401-002597 | C-AL;220uF,20%,35V,GP,TP,10x12.5,5 | |
| ....4 | C827 | 2401-002619 | C-AL;47uF,20%,25V,GP,TP,5x11,5 | |
| ....4 | C833 | 2401-002619 | C-AL;47uF,20%,25V,GP,TP,5x11,5 | |
| ....4 | C826 | 2401-003034 | C-AL;220UF,20%,16V,WT,TP,8X11. | |
| ....4 | C834 | 2401-003034 | C-AL;220UF,20%,16V,WT,TP,8X11. | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | C808 | 2401-003046 | C-AL;47uF,20%,50V,WT,TP,6.3x11,2.5 | |
| ....4 | C104 | 2401-003578 | C-AL;1000uF,20%,10V,GP,TP,8x20mm,5 | |
| ....4 | CW901 | 2503-000156 | C-NETWORK;100pFx4,20&,50V | |
| ....4 | L301 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ....4 | L907 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ....4 | L906 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ....4 | L101 | 2701-000115 | INDUCTOR-AXIAL;10UH,10%,2.8X7M | |
| ....4 | L103 | 2701-000115 | INDUCTOR-AXIAL;10UH,10%,2.8X7M | |
| ....4 | L102 | 2701-000159 | INDUCTORAXIAL;22uH,10%,4.2x9.8mm | |
| ....4 | L602 | 2701-000169 | INDUCTORAXIAL;3.9uH,10%,2.5x3.4mm | |
| ....4 | L603 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L604 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L605 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L606 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L607 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L608 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L705 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L706 | 2701-000177 | INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM | |
| ....4 | L902 | 2701-000184 | INDUCTOR-AXIAL;4.7UH,10%,2.5X3.4MM | |
| ....4 | L908 | 2701-000191 | INDUCTOR-AXIAL;47UH,10%,2.5X3.4MM | |
| ....4 | L201 | 2701-000200 | INDUCTOR-AXIAL;5.6uH,10%,4.2x9.8mm | |
| ....4 | L811 | 2701-001030 | INDUCTOR-AXIAL;43uH,10%,14x4.5mm | |
| ⚠ ....4 | L403 | 2701-001040 | COIL INDUCTOR; COIL,10uH,ALO5 | |
| ....4 | L601 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | L609 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | L901 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | L903 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | L904 | 2702-001094 | INDUCTOR-RADIAL;10uH,10%,6x4mm | |
| ....4 | X901 | 2801-003728 | CRYSTAL-UNIT;6MHz,30ppm,28AAM,20pf,40oh | |
| ....4 | L203 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L407 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L612 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L613 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L804 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ....4 | L402 | 2901-000299 | FILTER-EMIBEAD;BL02RN2-R65T2DB | |
| ....4 | L410 | 2901-000299 | FILTER-EMIBEAD;BL02RN2-R65T2DB | |
| ....4 | L807 | 2901-000299 | FILTER-EMIBEAD;BL02RN2-R65T2DB | |
| ....4 | L404 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L610 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L614 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L615 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L805 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L809 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ....4 | L801 | 3301-001223 | CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP, | |
| ....4 | L802 | 3301-001223 | CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP, | |
| ....4 | L803 | 3301-001223 | CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP, | |
| ....4 | L806 | 3301-001223 | CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP, | |
| ⚠ ....4 | FA801S | 3601-000120 | FUSE-FERRULE;125V,2.5A,FA,GLASS,2.4x7.5m | |
| ⚠ ....4 | FA802S | 3601-001086 | FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS | |
| ⚠ ....4 | FA803S | 3601-001228 | FUSE-AXIAL LEAD;125V,10A,FAST-ACTING,EPO | |
| ....4 | F801A | 3602-000114 | FUSE-HOLDER;-,-,30MOHM | |
| ....4 | F801B | 3602-000114 | FUSE-HOLDER;-,-,30MOHM | |
| ....4 | D908 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J102 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J103 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J104 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J106 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J107 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J108 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J110 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J114 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J116 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J122 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J124 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J201 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J204 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J205 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J206 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J209 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J210 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J211 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J212 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J213 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J215 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J216 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J217 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | J218 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J219 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J223 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J224 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J225 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J237 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J239 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J240 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J241 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J243 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J252 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J402 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J404 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J405 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J406 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J408 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J409 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J411 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J412 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J414 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J415 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J418 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J420 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J421 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J422 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J423 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J424 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J425 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J427 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J428 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J430 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J431 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J432 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J602 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J603 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J604 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J605 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J608 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J609 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J610 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J615 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J616 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J618 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J620 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J621 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J622 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J623 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J624 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J701 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J702 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J705 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J706 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J712 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J713 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J716 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J724 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J725 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J726 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J801 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J802 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J803 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J804 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J806 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J815 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J816 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J817 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J818 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J819 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J820 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J821 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J822 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J823 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J824 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J826 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J827 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J828 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J829 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J830 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J831 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J832 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J833 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J835 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J902 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J903 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J904 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J905 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J907 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J911 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J912 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J913 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J914 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J916 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J917 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J918 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J920 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J921 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J922 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J924 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J926 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J927 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J929 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J930 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J933 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J936 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J937 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J938 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J939 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J940 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J941 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J943 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J944 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J945 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J946 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J947 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J948 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J949 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J950 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L302 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L303 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L611 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L712 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L713 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | L714 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R619 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R832 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R931 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R990 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ⚠ ....4 | DR02S | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R962 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J112 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J407 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J111 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | JS01 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J429 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | R840 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | J919 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ....4 | 02VER | AA41-00859A | PCB-MAIN;YOUNG STAR,FR-1,1L,A,1.6T,330X2 | |
| ....4 | EY302 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY303 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY403 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY404 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY405 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY406 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY407 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY408 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY409 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY410 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY411 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY412 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY413 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY414 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY415 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY418 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY419 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ....4 | EY420 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY421 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY422 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY423 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY424 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY426 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY429 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY430 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY431 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY432 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY433 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY434 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY435 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY436 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY437 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY439 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY441 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY446 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY447 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY603 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY604 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY701 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY702 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY703 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY704 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY705 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY706 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY801 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY802 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY803 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY804 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY805 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY806 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY809 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY810 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY812 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY813 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY814 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY815 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY816 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY817 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY820 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY824 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY828 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY829 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY830 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY831 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY832 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY835 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY836 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY837 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY839 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY840 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY841 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY842 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY844 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY845 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY846 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY848 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY850 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY851 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY853 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY854 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY855 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY856 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY857 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY858 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY859 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY864 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY865 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY871 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EY872 | AA60-40011A | EYELET;-,ID2.0,OD2.8,-,-,BST | |
| ....4 | EL401 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL402 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL407 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL408 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL801 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL802 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL805 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL807 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL808 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | EL806 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ....4 | GT102 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT301 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT302 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT401 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT402 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT404 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT405 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT406 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT409 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT410 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT411 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT412 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT801 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT802 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT803 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT804 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT805 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ....4 | GT806 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ⚠ ....4 | DZR01S | 0403-001321 | DIODE-ZENER;MTZJ6.8C,6.66-7.01V,500mW,DO | |
| ⚠ ....4 | QR01S | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ⚠ ....4 | RR04S | 2001-000908 | R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ⚠ ....4 | RR06S | 2001-000977 | R-CARBON;8.2Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| ⚠ ....4 | RR05S | 2001-001103 | R-CARBON(S);20KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ⚠ ....4 | RR02S | 2001-001149 | R-CARBON(S);43KOHM,5%,1/2W,AA, | |
| ⚠ ....4 | RR03S | 2004-001897 | R-METAL(S);43.2KOHM,1%,1/2W,AA | |
| ⚠ ....4 | RR07S | 2004-004029 | R-METAL(S);10Kohm,1%,1/2W,AA,TP,2.5x6.5m | |
| ⚠ ....4 | RR01S | 2008-000264 | R-FUSIBLE(S);1OHM,5%,1W,AF,TP, | |
| ⚠ ....4 | CR04S | 2305-000412 | C-FILM,MPEF;470NF,5%,63V,-,5MM | |
| ....4 | L/LINE | AA68-01544A | LABEL;LINE,ALL MDL COMMON | |
| ....4 | C650 | 2401-001192 | C-AL;33UF,20%,50V,GP,6X11MM,5MM,TP | |
| ....4 | C824 | 2401-003028 | C-AL;100UF,20%,25V,WT,TP,6.3X1 | |
| ....4 | C904 | 2401-000471 | C-AL;10UF,20%,50V,BP,6X11MM,5M | |
| ....4 | R305 | 2003-002205 | R-METAL OXIDE(S);330ohm,5%,2W,AG,TP,3.9X | |
| ....4 | R306 | 2003-002205 | R-METAL OXIDE(S);330ohm,5%,2W,AG,TP,3.9X | |
| ....4 | R430 | 2004-000412 | R-METAL;18Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| ..2 | CBLK+H | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ..2 | DFO+HC | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ..2 | PMAIN+ | 6003-000333 | SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW | |
| ..2 | TBA+HC | 6006-001095 | SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL) | |
| ..2 | HC | AA61-01235A | HOLDER-CHASSIS;DP Z7,AA61-01190A | |
| ..2 | CWHC | AA65-00011B | CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,15M | |
| ..2 | DRES1 | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | C-BLOC | AA26-00069A | TRANS FBT;FUJ-29C002C(S),DREAM3,4,-,-,-, | |
| ..2 | A/CRT | AA96-01590A | ASSY PCB P-CRT;29A11,K55A | |
| ...3 | D501 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DF01 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DF02 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DF05 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DF06 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | D502 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D509 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D510 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D511 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D512 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D513 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | D514 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | DF07 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | DF08 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1. | |
| ...3 | DZF03 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ...3 | DZ503 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ...3 | DZ504 | 0403-000698 | DIODE-ZENER;TZP12A,12V,11.4-12.6V,1W,DO- | |
| ...3 | DZ501 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | DZ502 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | DZ510 | 0403-000734 | DIODE-ZENER;TZP15B,15V,14.7-16.5V,1W,DO- | |
| ...3 | DZF01 | 0403-001039 | DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T | |
| ...3 | DZF02 | 0403-001039 | DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T | |
| ...3 | Q501 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ...3 | Q502 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ...3 | Q503 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ...3 | Q504 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ...3 | QF04 | 0501-000283 | TRANSISTOR;KSA539-Y(TAPG)/YTAM | |
| ...3 | QF02 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ...3 | QF03 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ...3 | QF05 | 0501-000389 | TRANSISTOR;KSC815-Y(TAPG)/YTAM | |
| ...3 | R531 | 2001-000009 | R-CARBON;20KOHM,5%,1/8W,AA,TP, | |
| ...3 | RF17 | 2001-000019 | R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4m | |
| ...3 | R560 | 2001-000052 | R-CARBON(S);3.3KOHM,5%,1/2W,AA | |
| ...3 | RF30 | 2001-000221 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP | |
| ...3 | RF31 | 2001-000221 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP | |
| ...3 | R501 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | R502 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | R527 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | RF22 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | RF25 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | RF28 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP | |
| ...3 | RF21 | 2001-000258 | R-CARBON;1.8Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| ...3 | R530 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ...3 | R562 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ...3 | R563 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP | |
| ...3 | R522 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ...3 | R564 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | |
| ...3 | RF20 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP, | |
| ...3 | R540 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ...3 | R554 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ...3 | R555 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ...3 | R556 | 2001-000429 | R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| ...3 | R507 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP | |
| ...3 | RF23 | 2001-000554 | R-CARBON;270OHM,5%,1/8W,AA,TP, | |
| ...3 | R520 | 2001-000563 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| ...3 | R523 | 2001-000890 | R-CARBON;6.8KOHM,5%,1/8W,AA,TP | |
| ...3 | R508 | 2001-000995 | R-CARBON;820OHM,5%,1/8W,AA,TP, | |
| ...3 | R566 | 2001-001040 | R-CARBON(S);0.68OHM,5%,1/2W,AA | |
| ...3 | R504 | 2001-001045 | R-CARBON(S);1.2KOHM,5%,1/2W,AB | |
| ...3 | R505 | 2001-001045 | R-CARBON(S);1.2KOHM,5%,1/2W,AB | |
| ...3 | RF33 | 2001-001053 | R-CARBON(S);1.5OHM,5%,1/2W,AA, | |
| ...3 | R565 | 2001-001071 | R-CARBON(S);12KOHM,5%,1/2W,AA, | |
| ...3 | RF29 | 2001-001071 | R-CARBON(S);12KOHM,5%,1/2W,AA, | |
| ...3 | RF18 | 2001-001079 | R-CARBON(S);15OHM,5%,1/2W,AB,T | |
| ...3 | RF19 | 2001-001079 | R-CARBON(S);15OHM,5%,1/2W,AB,T | |
| ...3 | R503 | 2001-001088 | R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4 | |
| ...3 | R518 | 2001-001095 | R-CARBON(S);2.2MOHM,5%,1/2W,AA,TP,2.4X6. | |
| ...3 | RF34 | 2001-001100 | R-CARBON(S);2.7OHM,5%,1/2W,AA, | |
| ...3 | R561 | 2001-001126 | R-CARBON(S);300OHM,5%,1/2W,AB,TP,2.4X6.4 | |
| ...3 | R516 | 2001-001153 | R-CARBON(S);47OHM,5%,1/2W,AA,T | |
| ...3 | RF26 | 2001-001179 | R-CARBON(S);68KOHM,5%,1/2W,AA, | |
| ...3 | RF27 | 2001-001179 | R-CARBON(S);68KOHM,5%,1/2W,AA, | |
| ...3 | R525 | 2002-001006 | R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP,3.7X | |
| ...3 | R513 | 2002-001017 | R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m | |
| ...3 | R514 | 2002-001017 | R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m | |
| ...3 | R515 | 2002-001017 | R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m | |
| ...3 | R524 | 2002-001012 | R-COMPOSITION;8.2MOhm,5%,1/2W,AA,TP,3.7X | |
| ...3 | R528 | 2003-000458 | R-METALOXIDE(S);100OHM,5%,2W,A | |
| ...3 | RF36 | 2003-000652 | R-METAL OXIDE(S);330ohm,5%,2W,AF,TP,4x12 | |
| ...3 | RF32 | 2003-000746 | R-METALOXIDE(S);56OHM,5%,2W,AD | |
| ...3 | RF35 | 2003-000746 | R-METALOXIDE(S);56OHM,5%,2W,AD | |
| ...3 | RF24 | 2003-001018 | R-METALOXIDE;220OHM,2W | |
| ...3 | RF14 | 2003-002276 | R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP,12X | |
| ...3 | RF15 | 2003-002276 | R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP,12X | |
| ...3 | RF16 | 2003-002276 | R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP,12X | |
| ...3 | R512 | 2004-001369 | R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4 | |
| ...3 | RF13 | 2008-001014 | R-FUSIBLE(S);22ohm,5%,1W,AF,TP,3.2x10mm | |
| ...3 | R529 | 2008-001129 | R-FUSIBLE(S),1.5OHM,5%1/2W,AF,TP,2.5 | |
| ...3 | R541 | 2008-001053 | R-FUSIBLE;22OHM,5%,1/2W,AF,TP, | |
| ...3 | CF03 | 2201-000192 | C-CERAMIC,DISC;10PF,0.25PF,500V,NPO,-,5M | |
| ...3 | CF06 | 2201-000192 | C-CERAMIC,DISC;10PF,0.25PF,500V,NPO,-,5M | |
| ...3 | C501 | 2201-000193 | C-CERAMIC,DISC;10PF,0.25PF,50V | |
| ...3 | C510 | 2201-000291 | C-CERAMIC,DISC;1NF,10%,500V,Y5 | |
| ...3 | CF02 | 2201-000017 | C-CERAMIC,DISK;1NF,10%,50V,Y5P,4X3.5MM,5 | |
| ...3 | CF04 | 2201-000516 | C-CERAMIC,DISC;4.7NF,+100-0%,5 | |
| ...3 | C514 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ...3 | C515 | 2201-000599 | C-CERAMIC,DISC;560PF,10%,500V, | |
| ...3 | C513 | 2201-000600 | C-CERAMIC,DISC;560PF,10%,50V,Y5P,4X3.5MM | |
| ...3 | CF07 | 2201-000604 | C-CERAMIC,DISC;56PF,+100-0%,50 | |
| ...3 | C504 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | C505 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | C506 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | C507 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | C509 | 2301-000016 | C-FILMPEF;22NF,5%,100V,TP,7.2X | |
| ...3 | CF05 | 2301-000261 | C-FILM,PEF;4.7NF,5%,100V,10.5X | |
| ...3 | C508 | 2301-001211 | C-FILM,PPF;22nF,5%,400V,TP,20x7x14,7.5mm | |
| ...3 | C511 | 2301-001211 | C-FILM,PPF;22nF,5%,400V,TP,20x7x14,7.5mm | |
| ...3 | C512 | 2301-001211 | C-FILM,PPF;22nF,5%,400V,TP,20x7x14,7.5mm | |
| ...3 | C526 | 2301-001211 | C-FILM,PPF;22nF,5%,400V,TP,20x7x14,7.5mm | |
| ...3 | C533 | 2305-000665 | C-FILM;104J, 60V,5MM TAPING | |
| ...3 | CF75 | 2401-000045 | C-AL;10uF,20%,160V,GP,TP,10x16,5 | |
| ...3 | CF01 | 2401-000360 | C-AL;100UF,20%,50V,GP,8X11MM,5 | |
| ...3 | C520 | 2401-000703 | C-ELEC;CE04-40/8525VT222-MWSD | |
| ...3 | C528 | 2401-000832 | C-AL;220UF,20%,25V,GP,8X11MM,5 | |
| ...3 | C534 | 2401-000832 | C-AL;220UF,20%,25V,GP,8X11MM,5 | |
| ...3 | CF71 | 2401-000832 | C-AL;220UF,20%,25V,GP,8X11MM,5 | |
| ...3 | C535 | 2401-000913 | C-AL;22uF,20%,16V,GP,TP,5x11,5 | |
| ...3 | CF73 | 2401-000927 | C-AL;22UF,20%,250V,GP,13X20MM, | |
| ...3 | C532 | 2401-001563 | C-AL;47uF,20%,400V,GP,TP,16x25mm,7.5 | |
| ...3 | CF74 | 2401-000025 | C-ALUMINUM;100uF,20%,16V,GP,TP.6.3x11,5 | |
| ...3 | C531 | 2401-002264 | C-AL;10UF,20%,350V,GP,TP,10X20 | |
| ...3 | LF03 | 2701-000112 | INDUCTOR-AXIAL;100UH,10%,2.8X7 | |
| ...3 | L502 | 2701-000178 | INDUCTOR-AXIAL;33UH,10%,2.8X7MM | |
| ...3 | LF11 | 2702-001092 | INDUCTOR-RADIAL;2.2uH,10%,6x4mm | |
| ...3 | LF01 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF02 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF04 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF06 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF08 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | LF09 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| ...3 | J502 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J503 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J504 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J505 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J506 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J510 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J511 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J512 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J514 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J515 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J519 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J520 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J525 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | JF02 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | JF04 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | R517 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | R526 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | 00VER | AA41-00890A | PCB CRT;CT-29A10,,,A,,,K55A,4,, | |
| ...3 | EL100 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL80 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL81 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL82 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL83 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL84 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL85 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL86 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL87 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL88 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL89 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL92 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL94 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL95 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL96 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL97 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL98 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL99 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | EL90 | AA60-40011B | EYELET;-,ID2.2,OD3.2,-,-,BSP | |
| ...3 | GT501 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GT502 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GT503 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GT504 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | GT505 | AA60-40014A | PIN-GT,ASSY;1P,-,-,AUTO | |
| ...3 | R509 | 2008-000205 | R-FUSIBLE(S);100HM,5%,1/2W,AF, | |
| ...3 | R519 | 2001-000356 | R-CARBON;150KOHM,5%,1/8W,AA,TP | |
| ...3 | C536 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| ...3 | C537 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| ...3 | C538 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| ...3 | C539 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100NF,+80-20 | |
| ...3 | R506 | 2001-001194 | R-CARBON(S);82KOHM,5%,1/2W,AA, | |
| ...3 | R510 | 2001-001194 | R-CARBON(S);82KOHM,5%,1/2W,AA, | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ...3 | R511 | 2001-001194 | R-CARBON(S);82KOHM,5%,1/2W,AA, | |
| ...3 | C522 | 2201-002117 | C-CERAMIC,DISC;4.7nF,20%,3kV,Y5U,TP,16x6 | |
| ...3 | C523 | 2306-000272 | C-FILM,MPPF;820nF,5%,400V,BK,29x25.5x18. | |
| ⚠ ...3 | V999S | 3704-000114 | SOCKET CRT;14P,29.1,35.5SN,1SH09S/BK | |
| ...3 | CNC01 | 3711-003974 | CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG | |
| ...3 | SC01 | 3722-001503 | JACK-PIN;1P,1PI,NI,RED,SCR-JACK | |
| ...3 | CNC01A | AA39-00088A | LEAD CONNECTOR-ASSY;HERCULES,UL1007/1185 | |
| ⚠ ...3 | GT503S | AA39-20010B | LEAD-CONNECTOR,ASSY;-,YFH800-01,500MM,1P | |
| ...3 | CNC03A | AA39-20016D | LEAD-CONNECTOR,ASSY;-,67096-003,S,3P,500 | |
| ...3 | CNC02A | AA39-20068B | LEAD CONNECTOR-ASSY,,8P,YBNH025-08,67096 | |
| ...3 | IC505 | 1203-000165 | IC-POSI.ADJUSTREG.;78R12,TO-22 | |
| ...3 | QF10 | AA96-00243L | ASSY H/S;-,CRT,AA62-00045A,2SC2344,HERC | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 0502-000153 | TR-POWER;2SC2344-D,NPN,180V,16 | |
| ....4 | | 6003-000335 | SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR | |
| ....4 | | AA62-00045A | HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,- | |
| ...3 | QF09 | AA96-00243M | ASSY H/S;-,AMP,AA62-00045A,2SA1011,HERC | |
| ....4 | | 0205-000129 | GREASE-SILICON;SC102,JAPAN | |
| ....4 | | 0502-000131 | TR-POWER;2SA1011-D,PNP,-180V,- | |
| ....4 | | 6003-000335 | SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR | |
| ....4 | | AA62-00045A | HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,- | |
| ...3 | IC501 | AA96-50311L | ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE | |
| ...3 | IC502 | AA96-50311L | ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE | |
| ...3 | IC503 | AA96-50311L | ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE | |
| ....4 | | 1201-001131 | IC-VIDEO AMP;6111,SIP,9P,-,SINGLE,-,PLAS | |
| ....4 | | 6003-000334 | SCREW-TAPTITE;RH,+,2S,M3,L6,ZP | |
| ....4 | | AA62-30175D | HEATSINK-PS;-,SECC,T1.0,-,33X15X30FT-2 | |
| ...3 | IC504 | BH99-00038E | ASSY HEAT/SINK;TDA2030,AMP,HERCULES,BH62 | |
| ....4 | | 0205-001027 | OIL-SILICON;G746 | |
| ....4 | | 1201-000010 | IC-OP AMP;2030,PENTAWATT,5P,-,SINGLE,-,C | |
| ....4 | | BH61-00004A | SPRING TR;SUS304,W1/2H,T0.4,W3.5 | |
| ....4 | | BH62-00041A | HEAT SINK-TR; | |
| ...3 | FV1 | 3711-002642 | POST-HEADER;67094-003(AUTO) | |
| ...3 | CNC03 | 3711-002642 | POST-HEADER;67094-003(AUTO) | |
| ...3 | FN1 | 3711-002643 | POST-HEADER;YW025-04(AUTO) | |
| ...3 | BAND | AA63-10002B | BAND-TIE;-,NYLON66V2,-,-,L140,NTR,-,- | |
| ...3 | TAPE+R | 0203-001203 | TAPE-DOUBLE FACE;#4016,T1.6,W10,L1000,NT | |
| ...3 | RWK | 4715-000106 | SURGEABSORBER;300V,-,-,-,CHIP | |

## ASSY CPT

| | | | | |
|---|---|---|---|---|
| 1 | A/CPT | AA91-05992C | ASSY CPT;TXN2670WFXXAA,K55A,(+400MG+230M | |
| ..2 | D-COIL | AA27-00303A | COIL DEGAUSSING;28inch,28inch,5.45mH°æ20 | |
| ⚠ ..2 | CRT | AA03-00330A | CRT COLOR;W66QDE993X100,400MG,0.33MH,7.9 | |
| ..2 | A/TBC | AA98-70008C | ASSY-TBC,WIRE(P);-,TVI 29',NTSC,2P-WH,- | |
| ..2 | S/GUM | AA63-60004Y | SPACER-GUM,CRT;NTR RUBBER,T2.0,RED,-,ALL | |
| ..2 | C/DCOI | AA65-00019A | CLAMP CORE-D,COIL;25-34,NYLON 66,V2,NTR | |

## ASSY COVER FRONT

| | | | | |
|---|---|---|---|---|
| 1 | A/CFRO | AA90-04572A | ASSY COVER FRONT;TXN2670WHFXXAA,K55A | |
| ..2 | KC+CM | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ..2 | PCB+CF | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ..2 | PCB+HA | 6003-001023 | SCREW-TAPTITERWH,+,B,M3,L10,ZPC(YEL) | |
| ..2 | SPK+CF | 6006-001095 | SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL) | |
| ..2 | CRT+CF | AA60-10050V | SCREW-ASSY;WC,HH,+,M6,L30,SWRCH18A,ZPC(S | |
| ..2 | A/HSPK | AA96-01461B | ASSY SPEAKER P;8ohm,28A11,10W,Semidome S | |
| ..2 | R/CAP | AA73-00005B | RUBBER-CAP;FLAT,PRJ,SILICONE RUBBER,WHIT | |
| ..2 | R/CAP | AA73-00020A | RUBBER-CAP;32A10,RUBBER | |
| ..2 | RC+CF | 0203-001290 | TAPE-OPP MASKING;ANT 100C,T0.073,W30,L50 | |
| ..2 | L/QMS | AA68-02391A | LABEL-QMS;ART-PAPER(90)G,110x24mm | |
| ..2 | SPK+BC | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | C/DCOI | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | FC | AA96-01458A | ASSY COVER P-FRONT;DP 28A11,HIPS V0,G430 | |
| ...3 | MASK | 0203-001131 | TAPE-DOUBLE FACE;#4949,T1.1,W12,L20, | |
| ...3 | TAPE | 0203-001290 | TAPE-OPP MASKING;ANT 100C,T0.073,W30,L50 | |
| ...3 | CF+CM | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ...3 | WIN+CM | 6003-001019 | SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR | |
| ...3 | MASK | AA60-00091R | SPACER-FELT;,FELT,250X10,,,BLK,T0.5,, | |
| ...3 | SPRING | AA61-60003J | SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-, | |
| ...3 | CD | AA63-00660A | COVER-DECORATION;28A11,ABS,HB,WHITE | |
| ...3 | BADGE | AA64-01062B | BADGE BRAND;32Z5,AL FORGING,-,-,L65,-,SI | |
| ...3 | WR | AA64-03338A | WINDOW-RMC,LED;32A11,PC,CLR | |
| ...3 | KP | AA64-03345A | KNOB-POWER;32A11,ABS,HB,G4309,SVM3012 | |
| ...3 | CF | AA64-03366A | CABINET-FRONT;28A11,HIPS,V0 | |
| ...3 | CMASK | AA64-03368A | CABINET-MASK;28A11,HIPS,V0 | |
| ...3 | CWRF | AA65-00011C | CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M | |
| ...3 | CWRF | AA65-30105A | CLAMP-WIRE;NYLON 66N,V0,NTR,15MM | |
| ..2 | KC | AA64-03648A | KNOB CONTROL;DP 28A11,AA64-03344A | |
| ..2 | A/CAV | AA96-01365F | ASSY COVER P-HOLDER AV;ABS HB,G4309,SV01 | |
| ...3 | HAV | AA61-01286C | HOLDER-AV;29A11,ABS HB,G4309,SVM3012 | |
| ...3 | LD | AA61-30001A | LATCH-DOOR;-,-,-,KIFUCOLA701,- | |
| ...3 | INAV | AA64-00246P | INLAY AV;29A11,SHEET PS,T0.3,K55A DO SIL | |
| ...3 | DAV | AA64-03346D | DOOR-AV;29A11,ABS HB,G4309,SVM3012 | |
| ...3 | INPC | AA64-60446C | INLAY-PC,JACK;29A6,L/GRAY,PS SHEET,T0.5, | |
| ...3 | SF+DAV | AA63-00099D | SPACER-FELT;A10,FELT,WHITE,T0.5,20*10 | |
| ..2 | APAV | AA96-01502A | ASSY PCB P-SIDE A/V;TXM2771HFX,K55A | |
| ...3 | DZ701 | 0403-000720 | DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500 | |
| ...3 | DZ702 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | DZ703 | 0403-000708 | DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500 | |
| ...3 | R701 | 2001-000028 | R-CARBON(S);100OHM,5%,1/2W,AB, | |
| ...3 | R702 | 2001-000028 | R-CARBON(S);100OHM,5%,1/2W,AB, | |
| ...3 | C701 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| ...3 | C702 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| ...3 | C707 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ...3 | C708 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3. | |
| ...3 | L701 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ...3 | L702 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ...3 | L705 | 2701-000168 | INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm | |
| ...3 | L706 | 2701-000168 | INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm | |
| ...3 | L707 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ...3 | L708 | 3301-000287 | CORE-FERRITEBEAD;AA,3.5X1.0X6. | |
| ...3 | J701 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | J702 | 3812-000219 | JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A | |
| ...3 | 00VER | AA41-00891A | PCB-A/V SIDE;CT-29A10,,,A,,,K55A,10,, | |
| ...3 | JK04 | 3722-000544 | JACK-VHS;4P,11.5mm,AG,BLK,N | |
| ...3 | JKH01 | 3722-001061 | JACK-PHONE;1P,3.6MM,AG,BLK,N | |
| ...3 | JA701 | 3722-001164 | JACK-PIN;3P,3.4mm,SN,WH:YE:RE,#16-22 | |
| ...3 | CN704 | AA39-00070B | LEAD CONNECTOR-ASSY;,4P,YBNH250-04,35184 | |
| ...3 | CN703 | AA39-20069A | LEAD-CONNECTOR,ASSY;-,YBNH025- | |
| ...3 | CN701 | AA39-20071H | LEAD CONNECTOR;K55A/CT-29A10HR,UL1007#26 | |
| ..2 | APC | AA96-01509A | ASSY PCB P-CONTROL;TXN2670WHF,K55A | |
| ...3 | SW01 | 3404-000176 | SWITCH-TACT;12V,50MA,90-150GF, | |
| ...3 | SW02 | 3404-000176 | SWITCH-TACT;12V,50MA,90-150GF, | |
| ...3 | SW03 | 3404-000176 | SWITCH-TACT;12V,50MA,90-150GF, | |
| ...3 | SW04 | 3404-000176 | SWITCH-TACT;12V,50MA,90-150GF, | |
| ...3 | SW05 | 3404-000176 | SWITCH-TACT;12V,50MA,90-150GF, | |
| ...3 | SW06 | 3404-000176 | SWITCH-TACT;12V,50MA,90-150GF, | |
| ...3 | SW07 | 3404-000176 | SWITCH-TACT;12V,50MA,90-150GF, | |
| ...3 | DY01 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DY02 | 0401-000005 | DIODE;1N4148,100V,300mA,1V,8nS,TAPING | |
| ...3 | DZC01 | 0403-000508 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| ...3 | RC06 | 2001-000007 | R-CARBON;3KOHM,5%,1/8W,AA,TP,1 | |
| ...3 | RC04 | 2001-000009 | R-CARBON;20KOHM,5%,1/8W,AA,TP, | |
| ...3 | RC05 | 2001-000020 | R-CARBON(S);22OHM,5%,1/2W,AA,T | |
| ...3 | RC01 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ...3 | RC07 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP, | |
| ...3 | RC02 | 2001-000577 | R-CARBON;2KOHM,5%,1/8W,AA,TP,1 | |
| ...3 | RC03 | 2001-000878 | R-CARBON;6.2KOHM,5%,1/8W,AA,TP | |
| ...3 | CY01 | 2401-002291 | C-ELECTROLYTIC;CE04WTAPG16V47M | |
| ...3 | IY01 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3. | |
| ...3 | 00 VER | AA41-00914A | PCB CONTROL;CT-29A11,FR-1,1-layer,A,1.6T | |
| ...3 | LDY02 | 0601-000262 | LED;ROUND,RED,5mm,700nm | |
| ...3 | RMY01 | AA32-00012A | MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES | |
| ...3 | CN01 | AA39-00100B | LEAD CONNECTOR-ASSY;,4P,YBNH250-04,35155 | |
| ...3 | CN02 | AA39-20055C | LEAD CONNECTOR ASSY;YBNH025-06,67096-006 | |

## ASSY COVER REAR

| | | | | |
|---|---|---|---|---|
| 1 | A/CREA | AA90-04573A | ASSY COVER REAR;TXN2670WHFXXAA | |
| ..2 | BC | AA64-03559A | CABINET BACK;DP 28A11,AA64-03367A | |
| ..2 | SPACER | AA60-00091J | SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,- | |
| ..2 | IN/BCK | AA64-60421C | INLAY-COVER;-,PS,T0.3,-,-,BLK,SEA | |
| ..2 | AC+BC | AA65-30008A | CLAMP-CORD;-,PE,HB,BLK,-,- | |
| ..2 | CB+RCA | 6003-001026 | SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR | |

| Level | Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|---|
| ..2 | CB+TER | 6003-001026 | SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR | |
| ..2 | CB+CF | 6003-001026 | SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR | |
| ..2 | F/BOX | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | FBT | AA65-30018A | CLAMP-WIRE;-,NYLON6.6,-,-,DATL | |
| ..2 | ADH-SI | 0201-001059 | ADHESIVE-SILICON;B#9590,CARTRIGE | |
| ..2 | L/STAR | AA68-01557A | LABEL ENERGY;STAR,STATIC FREE FILM | |
| ..2 | L/RAT | AA68-02692A | LABEL RATING;WHITE-PAPER,60X90MM,SEA/SEC | |
| ..2 | L/DHHS | AA68-02502A | LABEL-D.H.H.S;,A/P 90(G),63,73,PRINT | |
| ..2 | TBA | AA65-00028A | TERMINAL-BOARD,ANT;,DP Z7,AA65-00025A VO | |
| ..2 | INL/TB | AA64-02822K | INLAY-BACK;PS SHEET,T0.5 | |

## ASSY P/MATERIAL

| | | | | |
|---|---|---|---|---|
| 1 | A/PMAT | AA92-07697A | ASSY P/MATERIAL;TXN2670WHFXXAA | |
| ..2 | BOX | 0203-001295 | TAPE-OPP MASKING;1242,T0.06,W100,L91.4M, | |
| ..2 | STAPLE | AA60-40006A | PIN-STAPLE;-,-,-,H18,33X17.8X2 | |
| ..2 | C/SET | AA69-02068A | CUSHION-SET;28A11,PS FOAMED,C=0.02 | |
| ..2 | PE-BAG | AA69-01209A | BAG;SHEET,25-27,W54,L60,FOAM,OEM. | |

## ASSY BOX

| | | | | |
|---|---|---|---|---|
| 1 | A/BOX | AA92-07696A | ASSY BOX;TXN2670WHFXXAA | |
| ..2 | PCK | AA69-02135A | PACKING CASE;28A11(SAMEX),D-4 AB,A1,895, | |
| ..2 | L/BOX | AA68-01542A | LABEL;(UNIBOX),PAPER WHT ALLMD | |

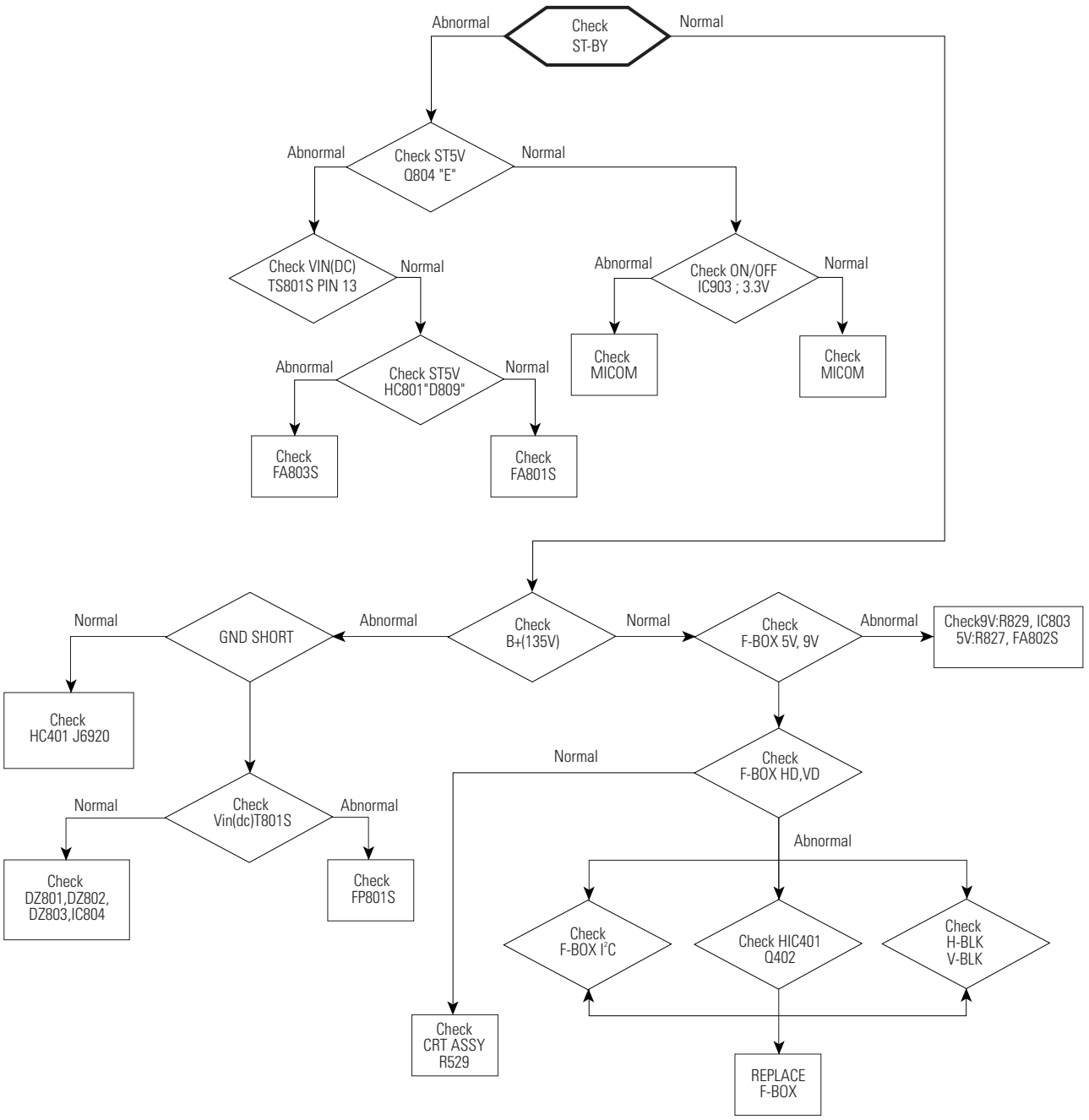
## ASSY ACCESSORY

| | | | | |
|---|---|---|---|---|
| 1 | A/ACCS | AA92-07547J | ASSY ACCESSORY;TXN2670WHFXXAA,K55A | |
| ..2 | BATT | 4301-000120 | BATTERY-MN;1.5V,-,AA | |
| ..2 | RMT | AA59-00251B | REMOCON;TM58,YOUNG STAR,41,SS,G6671B,MBR | |
| ..2 | W/CARD | AA68-01433A | CARD WARRANTY;TV/TVCR,ALL,W/P100(G),B5, | |
| ..2 | B/WARR | AA68-01561A | CARD WARRANTY;BLOCK,STATEMENT ONLY,SEA/S | |
| ..2 | C/REG | AA68-01969A | CARD;REGISTRATION PRODUCT,W/P120(G),SEA | |
| ..2 | I/B | AA68-02723A | MANUAL USERS;CT-29A10,,ENG,,W/P100G,,,,K | |
| ..2 | BAG-PE | AA69-01195A | BAG PE;CL29A6W8X,HDPET0.012,93/4X151 | |
| ..2 | AC-TAP | 0203-001279 | TAPE-OPP MASKING;#232,T0.14,W15,L50000,Y | |
| ..2 | C/RCA | AA39-40001B | PATCH-CORD;3P-3P1500MMRED,WHT,YEL,500 | |

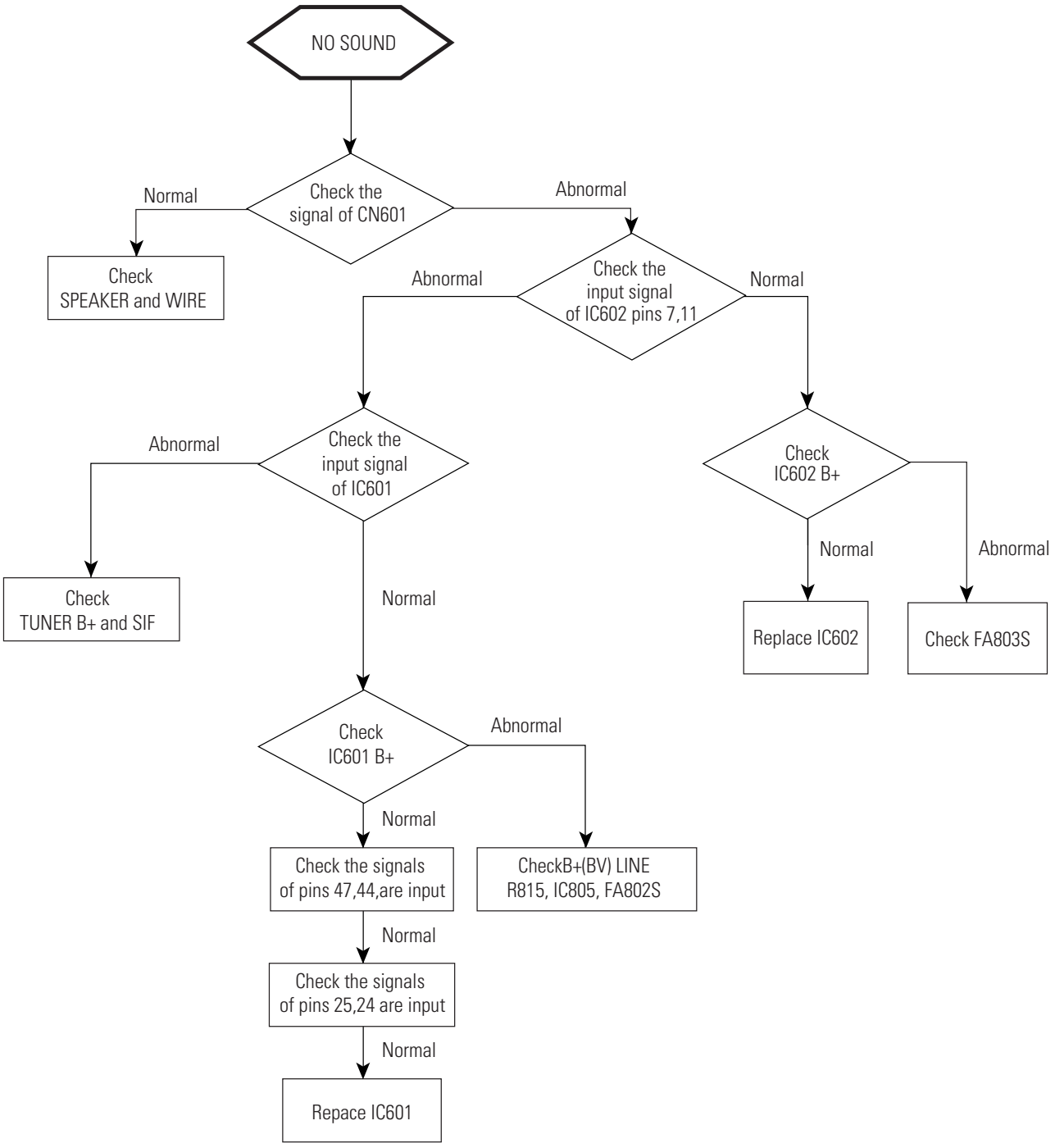
# MEMO

# 7. Troubleshooting

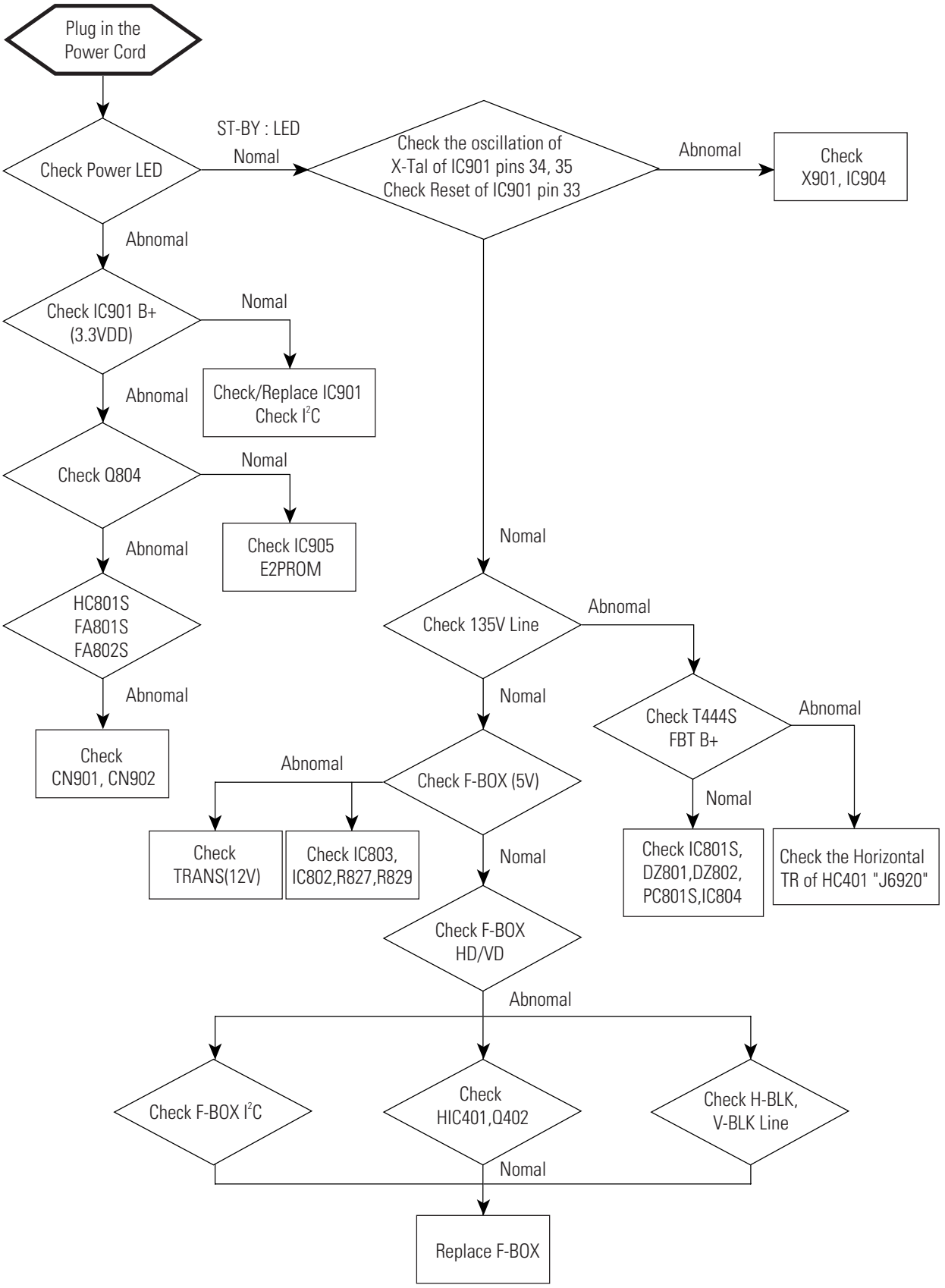
## 7-1 No Raster



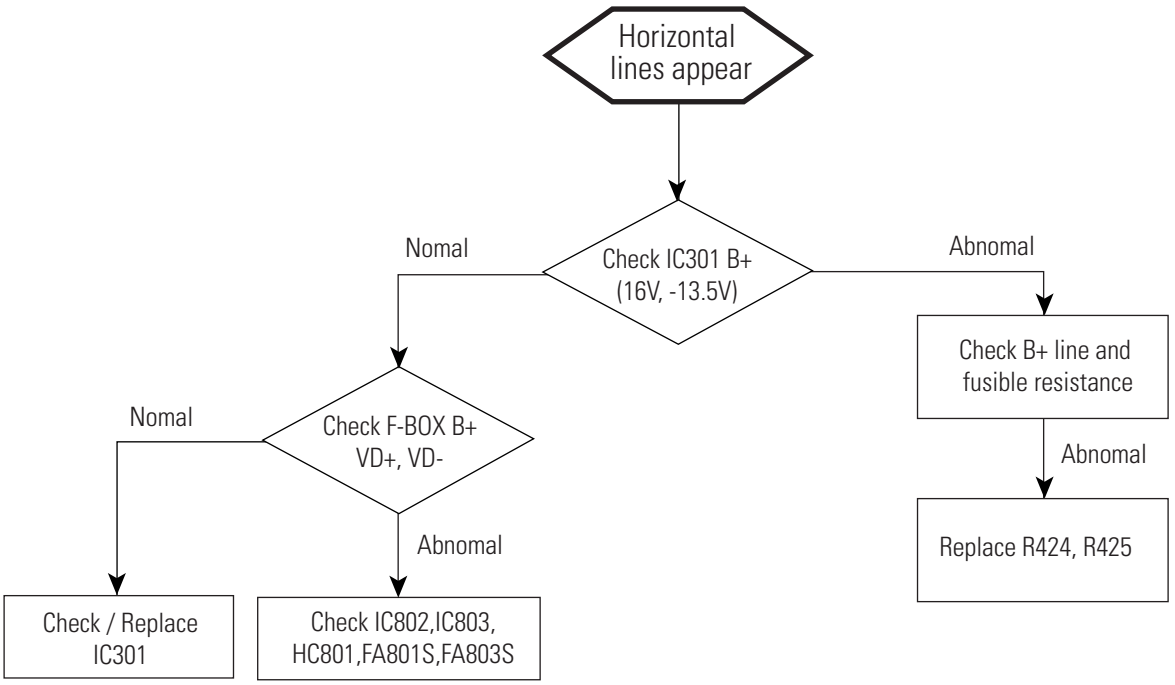
## 7-2 No Sound


NO SOUND
Check the signal of CN601
Normal
Abnormal
Check SPEAKER and WIRE
Check the input signal of IC602 pins 7,11
Abnormal
Normal
Check the input signal of IC601
Abnormal
Check IC602 B+
Normal
Abnormal
Check TUNER B+ and SIF
Normal
Replace IC602
Check FA803S
Check IC601 B+
Abnormal
Normal
Check the signals of pins 47,44,are input
CheckB+(BV) LINE R815, IC805, FA802S
Normal
Check the signals of pins 25,24 are input
Normal
Repace IC601

## 7-3 No Power

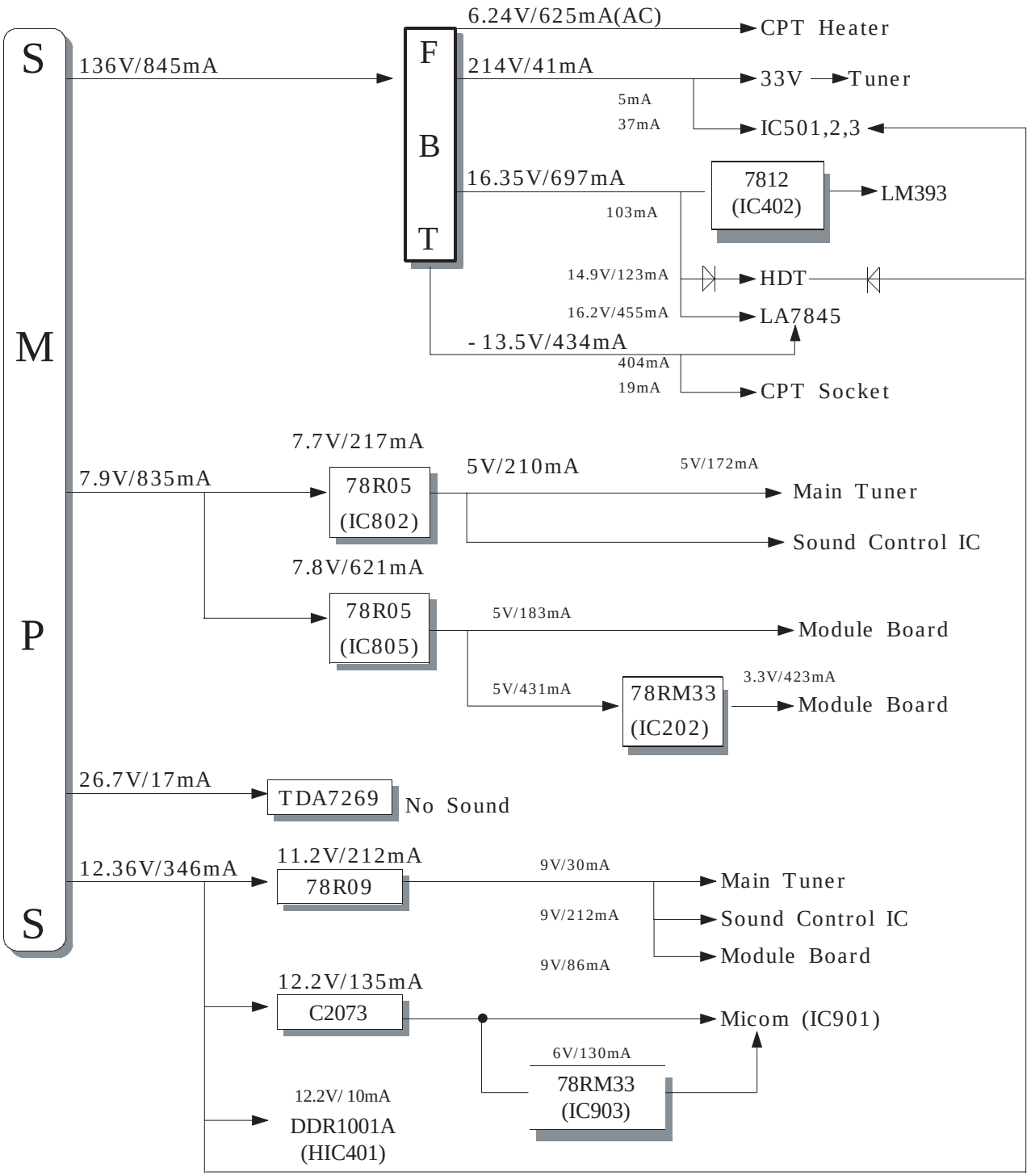

Plug in the Power Cord
Check Power LED
ST-BY : LED
Nomal
Check the oscillation of X-Tal of IC901 pins 34, 35 Check Reset of IC901 pin 33
Abnomal
Check X901, IC904
Abnomal
Check IC901 B+ (3.3VDD)
Nomal
Check/Replace IC901 Check I²C
Abnomal
Check Q804
Nomal
Check IC905 E2PROM
Abnomal
HC801S FA801S FA802S
Abnomal
Check CN901, CN902
Nomal
Check 135V Line
Abnomal
Check T444S FBT B+
Abnomal
Nomal
Check F-BOX (5V)
Abnomal
Check TRANS(12V)
Check IC803, IC802,R827,R829
Nomal
Check IC801S, DZ801,DZ802, PC801S,IC804
Check the Horizontal TR of HC401 "J6920"
Nomal
Check F-BOX HD/VD
Abnomal
Check F-BOX I²C
Check HIC401,Q402
Check H-BLK, V-BLK Line
Nomal
Replace F-BOX

## 7-4 Horizontal Lines Appear



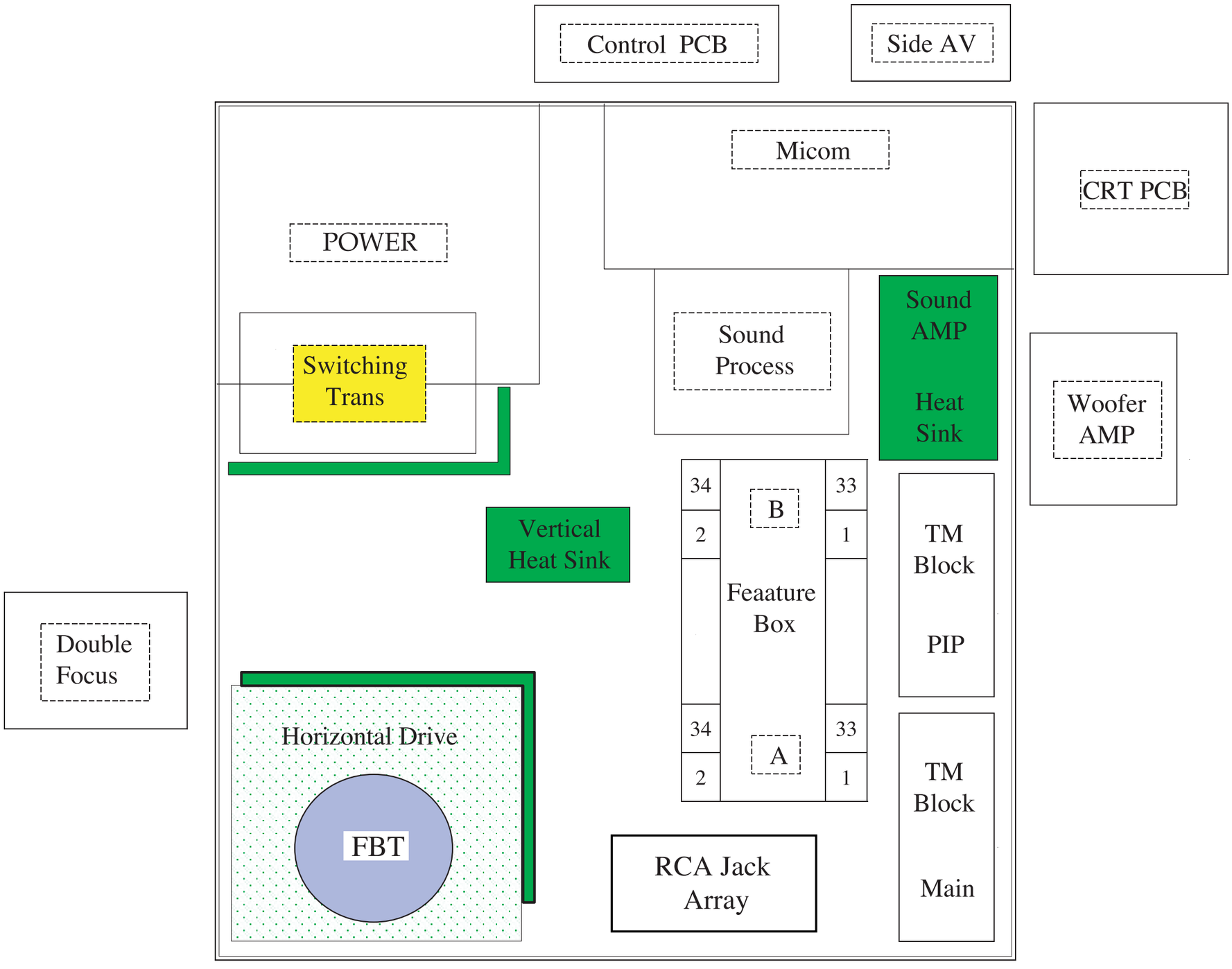
# 8. Block Diagram

## 8-1 Voltage / Current Block Diagram

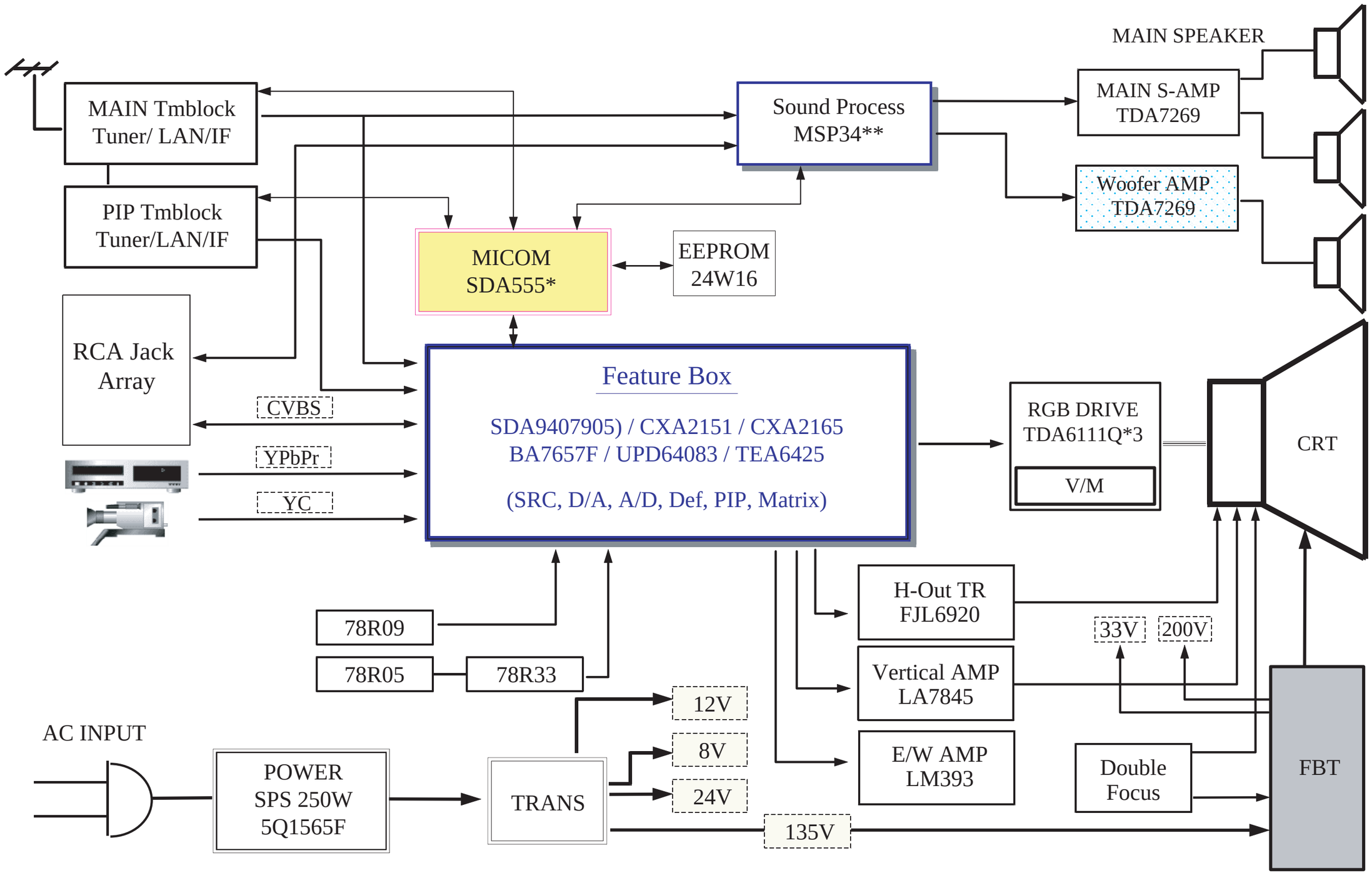


# MEMO

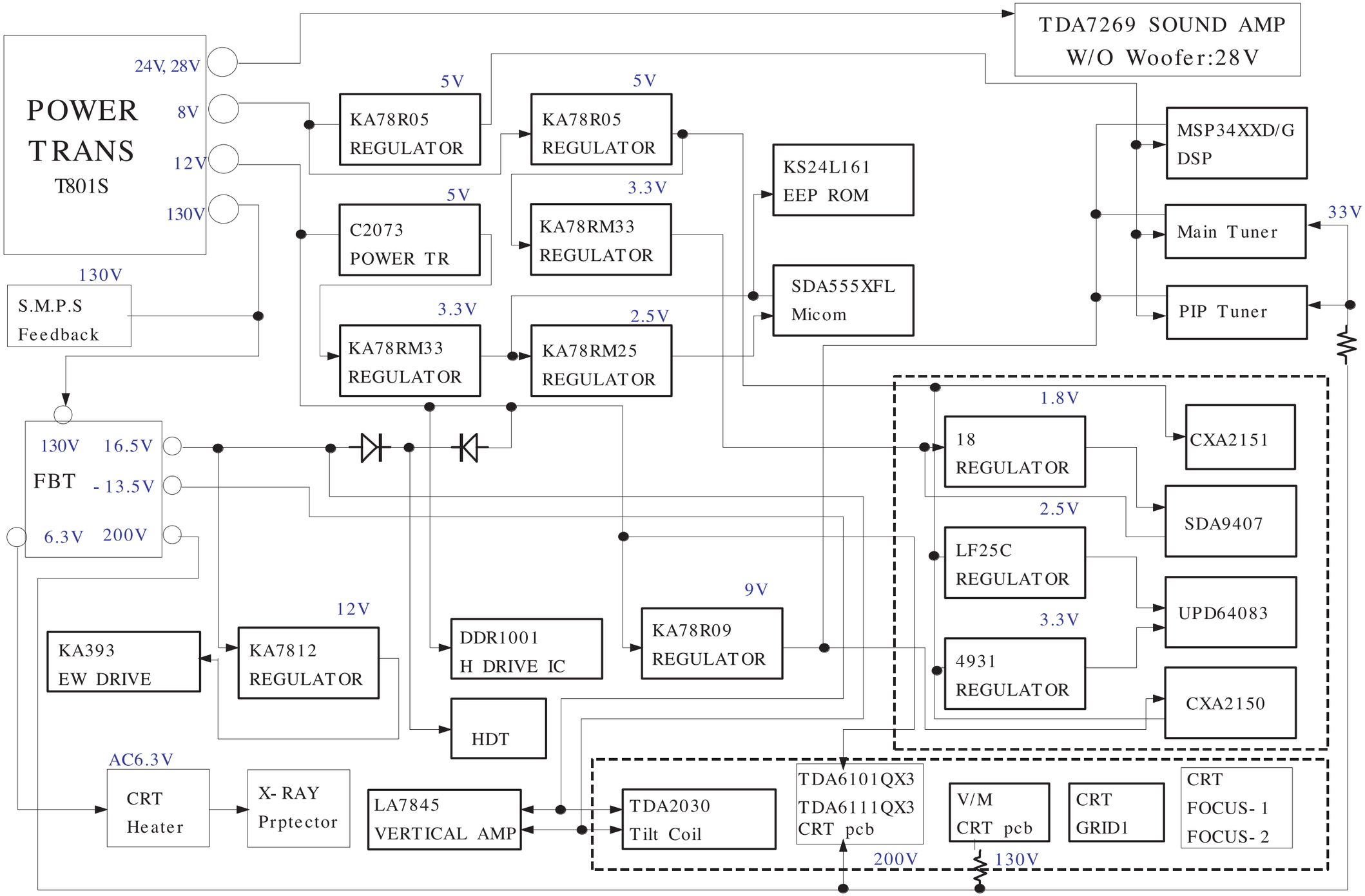
## 8-3 PCB Layout



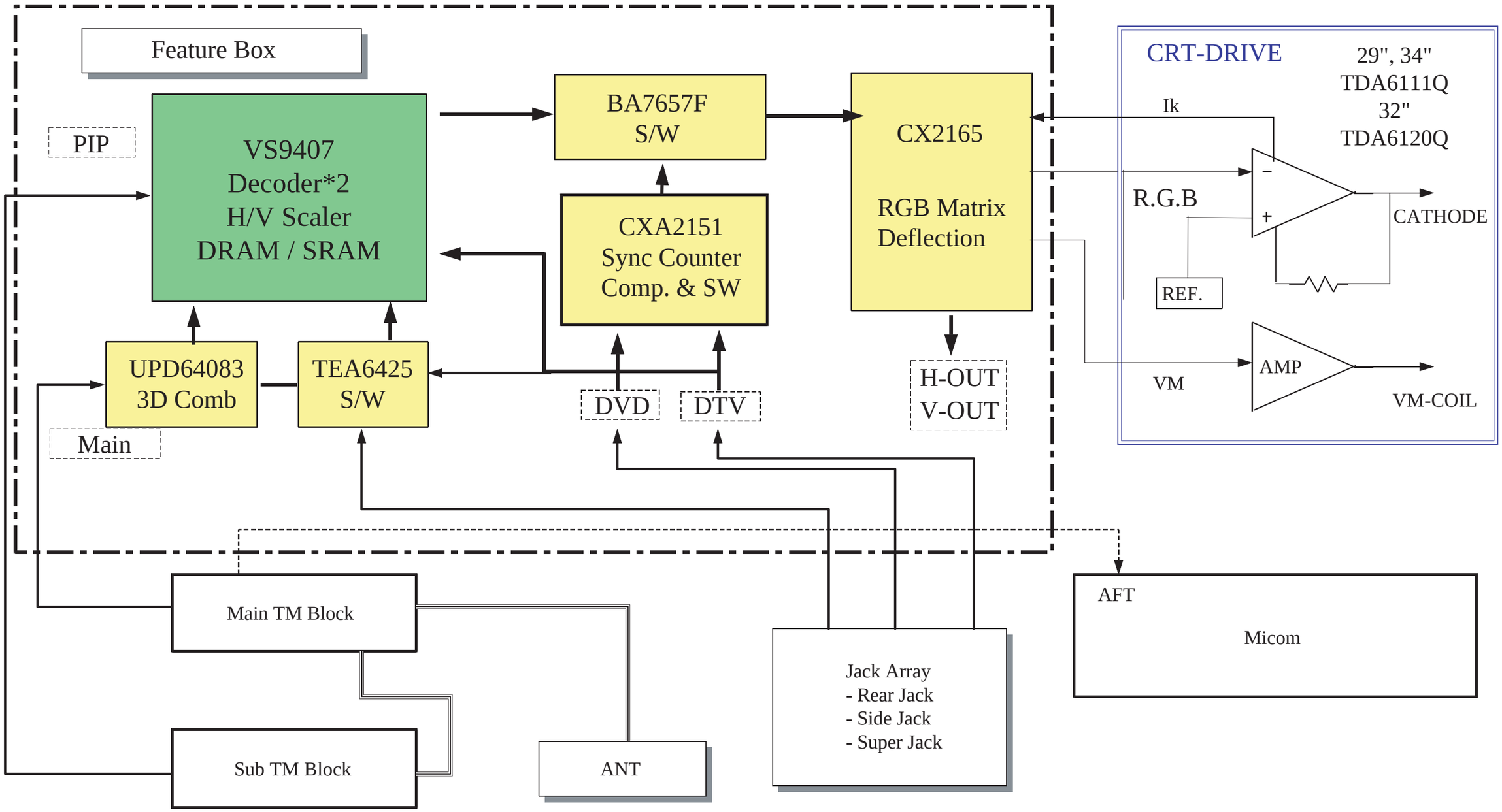
## 8-4 System Block Diagram



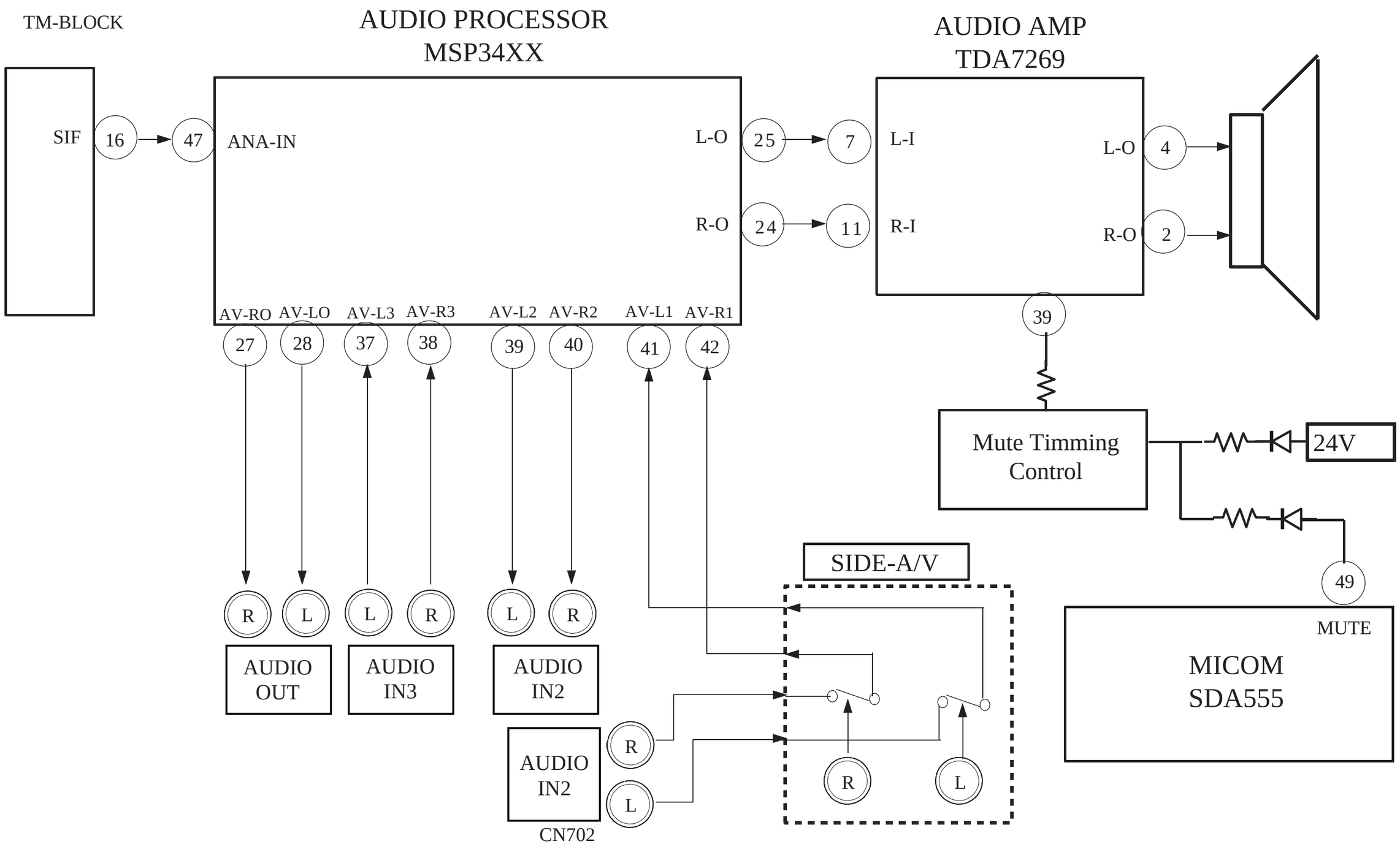
## 8-5 Power Block Diagram



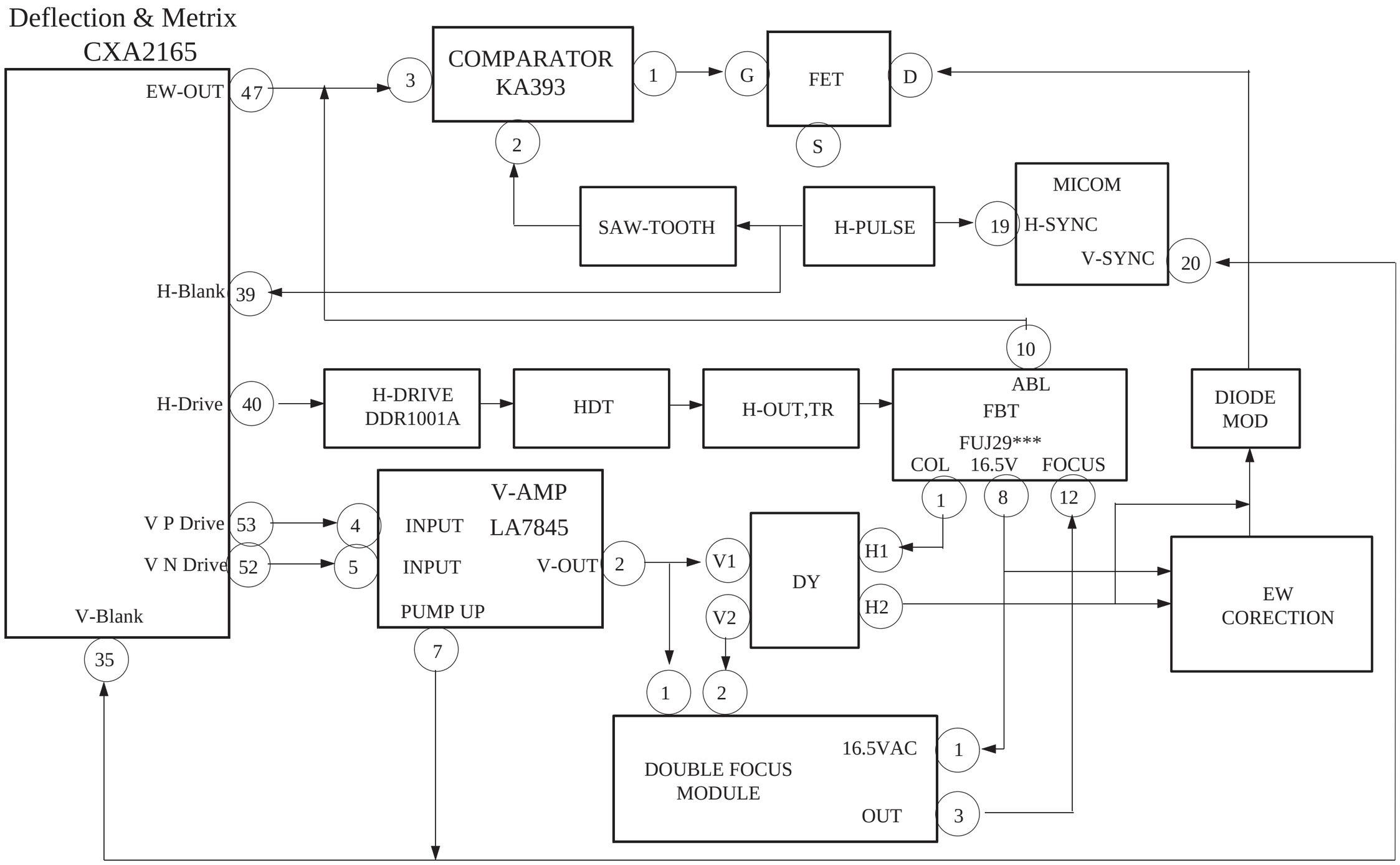
## 8-6 Video Signal Block Diagram



## 8-7 Sound signal Block Diagram

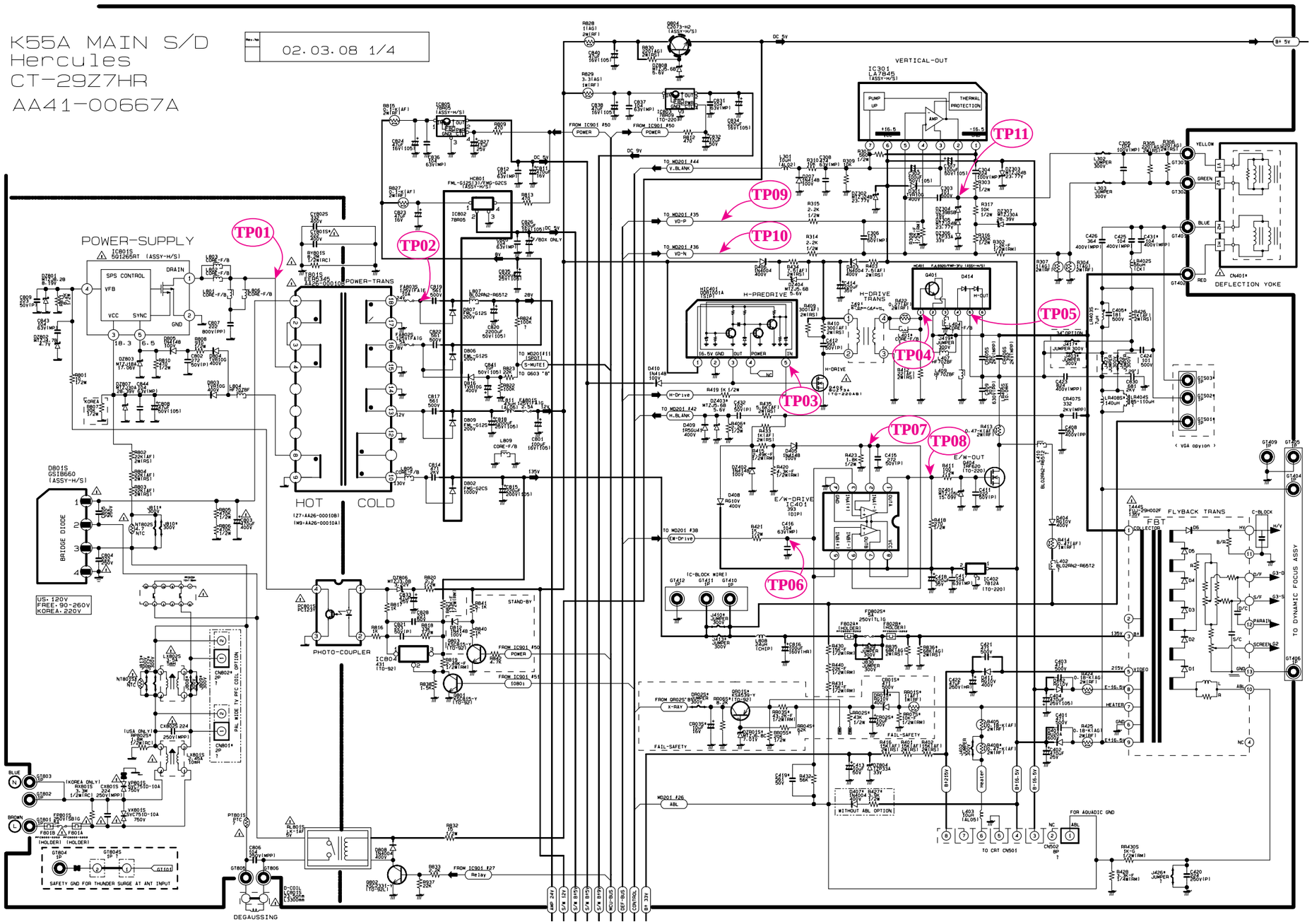


## 8-8 Deflection Block Diagram

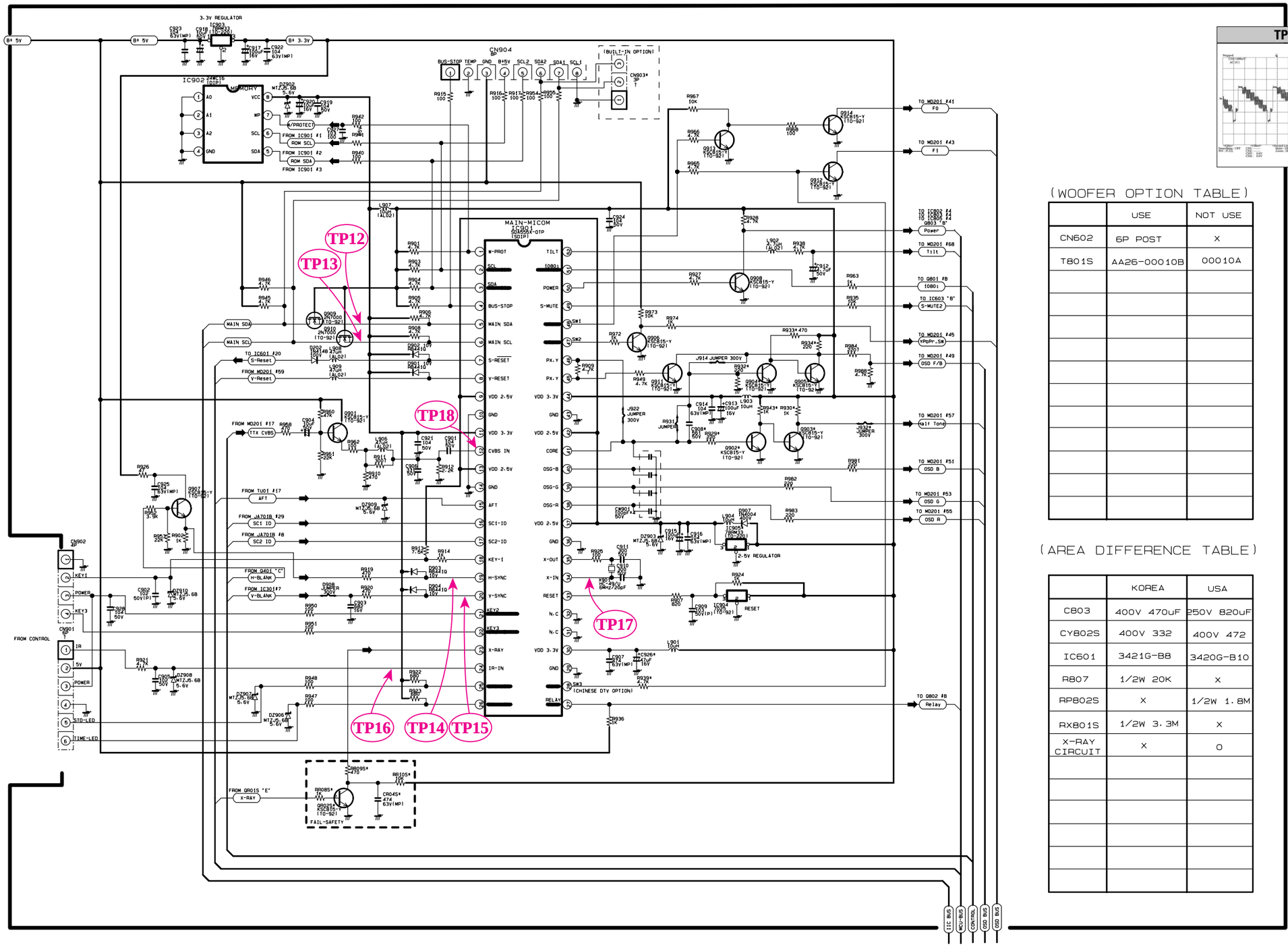


# 9. Schematic Diagrams

## 9-1 MAIN 1



# 9-2 MAIN 2


3.3V REGULATOR
B+ 5V
B+ 3.3V
IC902 24LC16 (DIP)
MEMORY
D7902 MTZJ-5.6B 5.6V
FROM IC901 #1 ROM SCL
FROM IC901 #2 ROM SDA
FROM IC901 #3
CN904
BUS-STOP TEMP GND B+5V SCL2 SDA2 SDA1 SCL1
(BUILT-IN OPTION)
CN903* 3P
MAIN-MICOM IC801 SDA095A-OTP (SDIP)
W-PROT SCL SDA BUS-STOP MAIN SDA MAIN SCL S-RESET V-RESET VDD 2.5V GND VDD 3.3V CVBS IN VDD 2.5V GND AFT SCL-ID SCL-ID KEY-I H-SYNC V-SYNC KEY2 KEY3 X-RAY IR-IN
TILT (OSD) POWER S-MUTE SW1 SW2 PX.Y PX.Y VDD 3.3V GND VDD 2.5V CORE OSG-B OSG-G OSG-R VDD 2.5V GND X-OUT X-IN RESET N.C N.C VDD 3.3V GND SW3 (CHINESE DTV OPTION) RELAY
TO MD201 #41 FO
TO MD201 #43 FI
TO IC803 #4 TO IC804 #4 TO IC806 #4 Q803 "B" Power
TO MD201 #68 Tilt
TO Q801 #8 (OSD)
TO IC603 "B" S-MUTE2
TO MD201 #45 YPbPr-SW
TO MD201 #49 OSD F/B
TO MD201 #57 Alt Tone
TO MD201 #51 OSD B
TO MD201 #53 OSD G
TO MD201 #55 OSD R
TO Q802 #8 Relay
MAIN SDA
MAIN SCL
TO IC601 #20 S-Reset
FROM MD201 #59 V-Reset
FROM MD201 #17 (TX CVBS)
FROM TU01 #17 AFT
FROM JA701B #29 SCL ID
FROM JA701B #8 SCL ID
FROM Q401 "C" H-BLANK
FROM IC301 #7 V-BLANK
FROM CONTROL
CN902
CN901
KEY1 POWER KEY3 IR 5V POWER STD-LED TIME-LED
FROM Q801S "E" X-RAY
FAIL-SAFETY
2.5V REGULATOR
RESET
J914 JUMPER 300V
J922 JUMPER 300V
J932* JUMPER 300V
TP12
TP13
TP18
TP17
TP16
TP14
TP15
I2C BUS
MCU-BUS
CONTROL
OSD BUS
OSD BUS

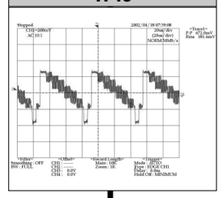
(WOOFER OPTION TABLE)

| | USE | NOT USE |
|---|---|---|
| CN602 | 6P POST | X |
| T801S | AA26-00010B | 00010A |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

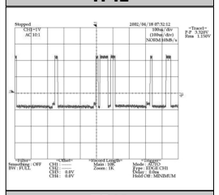
(AREA DIFFERENCE TABLE)

| | KOREA | USA |
|---|---|---|
| C803 | 400V 470uF | 250V 820uF |
| CY802S | 400V 332 | 400V 472 |
| IC601 | 3421G-B8 | 3420G-B10 |
| R807 | 1/2W 20K | X |
| RP802S | X | 1/2W 1.8M |
| RX801S | 1/2W 3.3M | X |
| X-RAY CIRCUIT | X | O |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

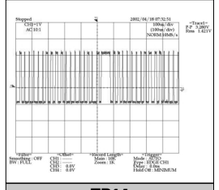
TP18



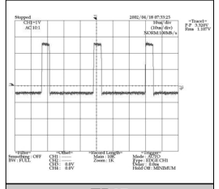
TP12



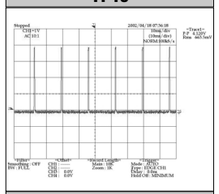
TP13



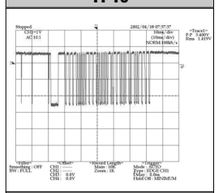
TP14



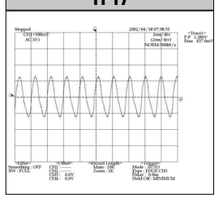
TP15



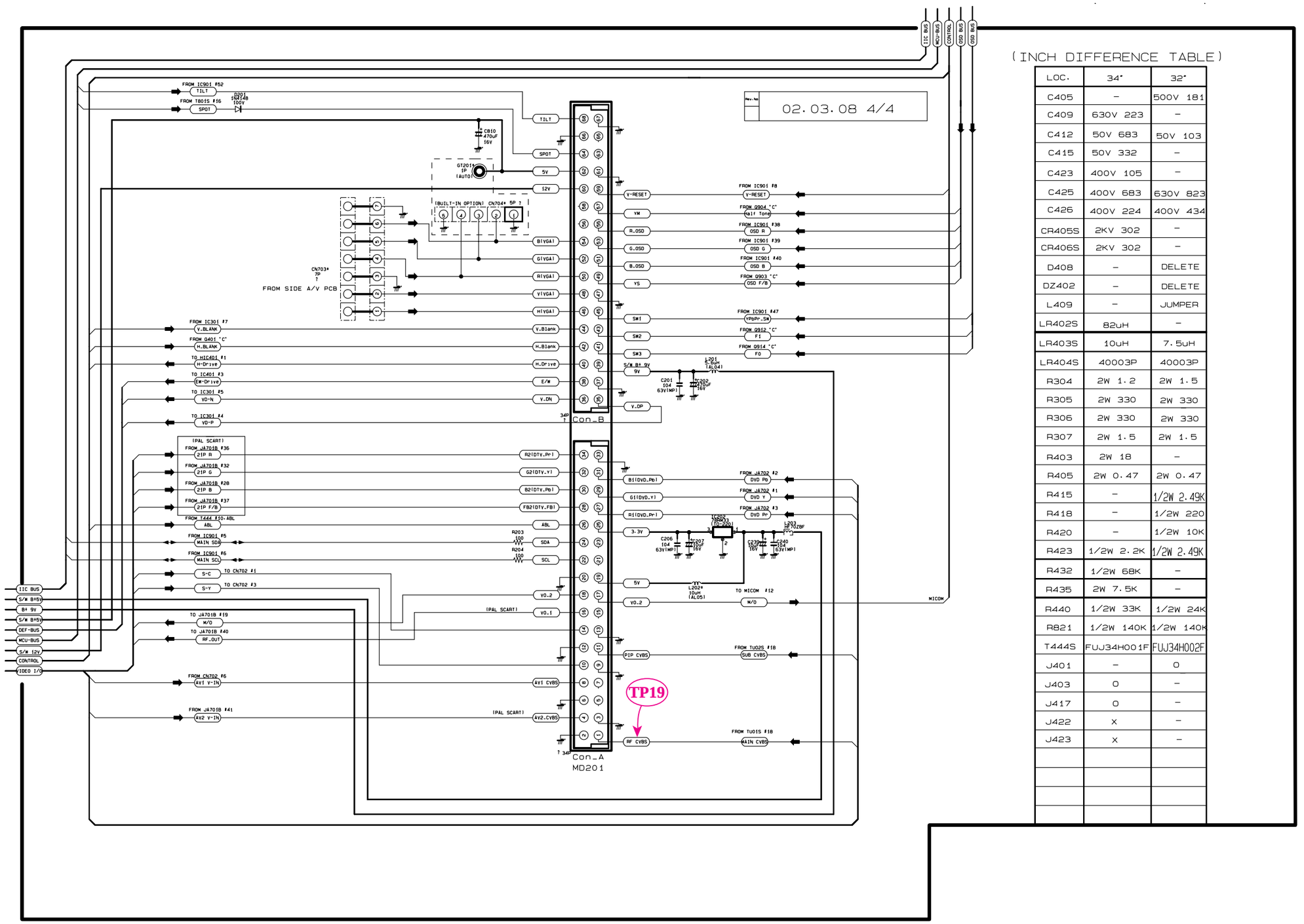
TP16



TP17



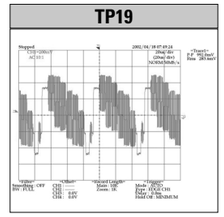
## 9-3 MAIN 3



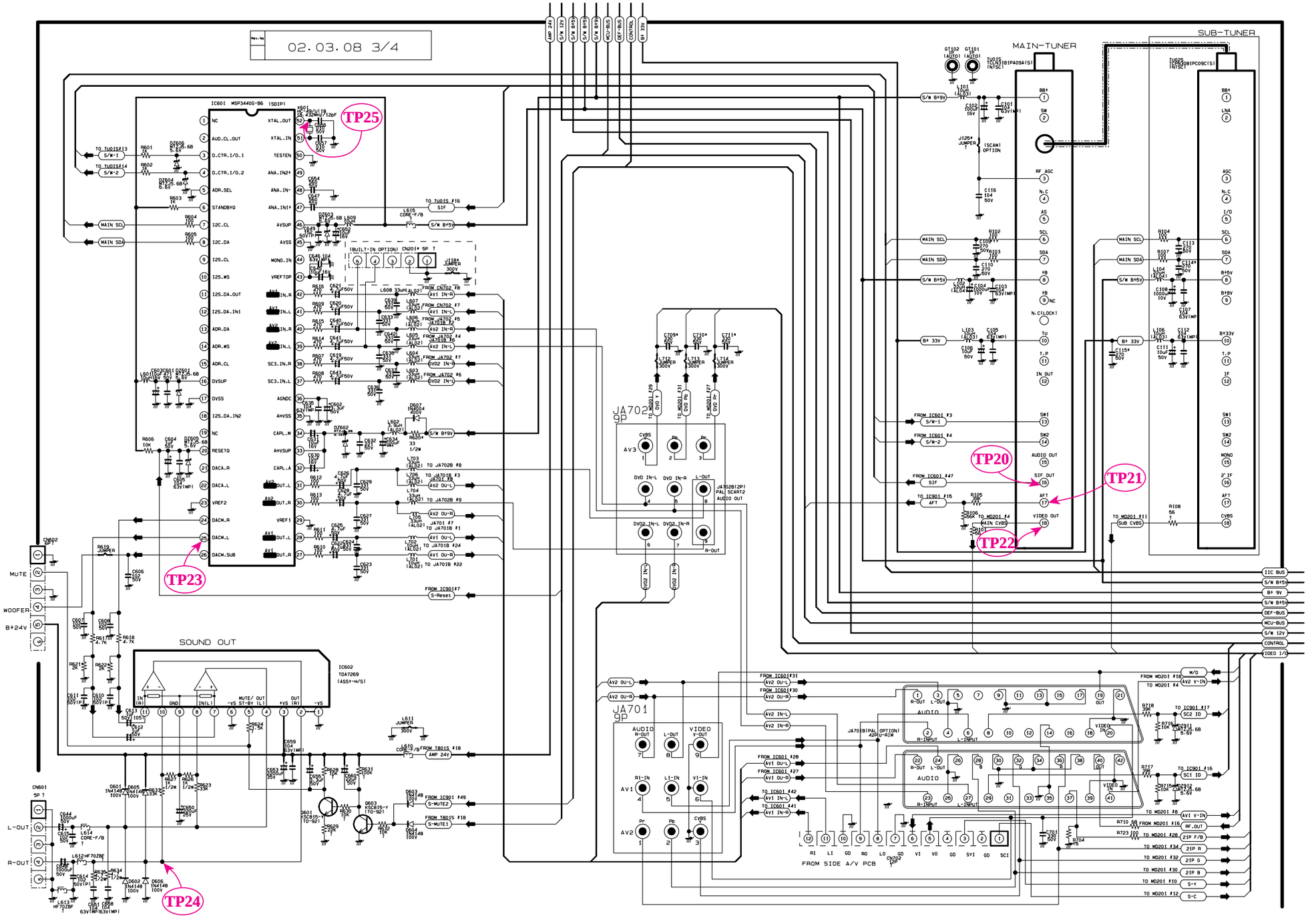

(INCH DIFFERENCE TABLE)

| LOC. | 34" | 32" |
|---|---|---|
| C405 | - | 500V 181 |
| C409 | 630V 223 | - |
| C412 | 50V 683 | 50V 103 |
| C415 | 50V 332 | - |
| C423 | 400V 105 | - |
| C425 | 400V 683 | 630V 823 |
| C426 | 400V 224 | 400V 434 |
| CR405S | 2KV 302 | - |
| CR406S | 2KV 302 | - |
| D408 | - | DELETE |
| DZ402 | - | DELETE |
| L409 | - | JUMPER |
| LR402S | 82uH | - |
| LR403S | 10uH | 7.5uH |
| LR404S | 40003P | 40003P |
| R304 | 2W 1.2 | 2W 1.5 |
| R305 | 2W 330 | 2W 330 |
| R306 | 2W 330 | 2W 330 |
| R307 | 2W 1.5 | 2W 1.5 |
| R403 | 2W 18 | - |
| R405 | 2W 0.47 | 2W 0.47 |
| R415 | - | 1/2W 2.49K |
| R418 | - | 1/2W 220 |
| R420 | - | 1/2W 10K |
| R423 | 1/2W 2.2K | 1/2W 2.49K |
| R432 | 1/2W 68K | - |
| R435 | 2W 7.5K | - |
| R440 | 1/2W 33K | 1/2W 24K |
| R821 | 1/2W 140K | 1/2W 140K |
| T444S | FUJ34H001F | FUJ34H002F |
| J401 | - | O |
| J403 | O | - |
| J417 | O | - |
| J422 | X | - |
| J423 | X | - |

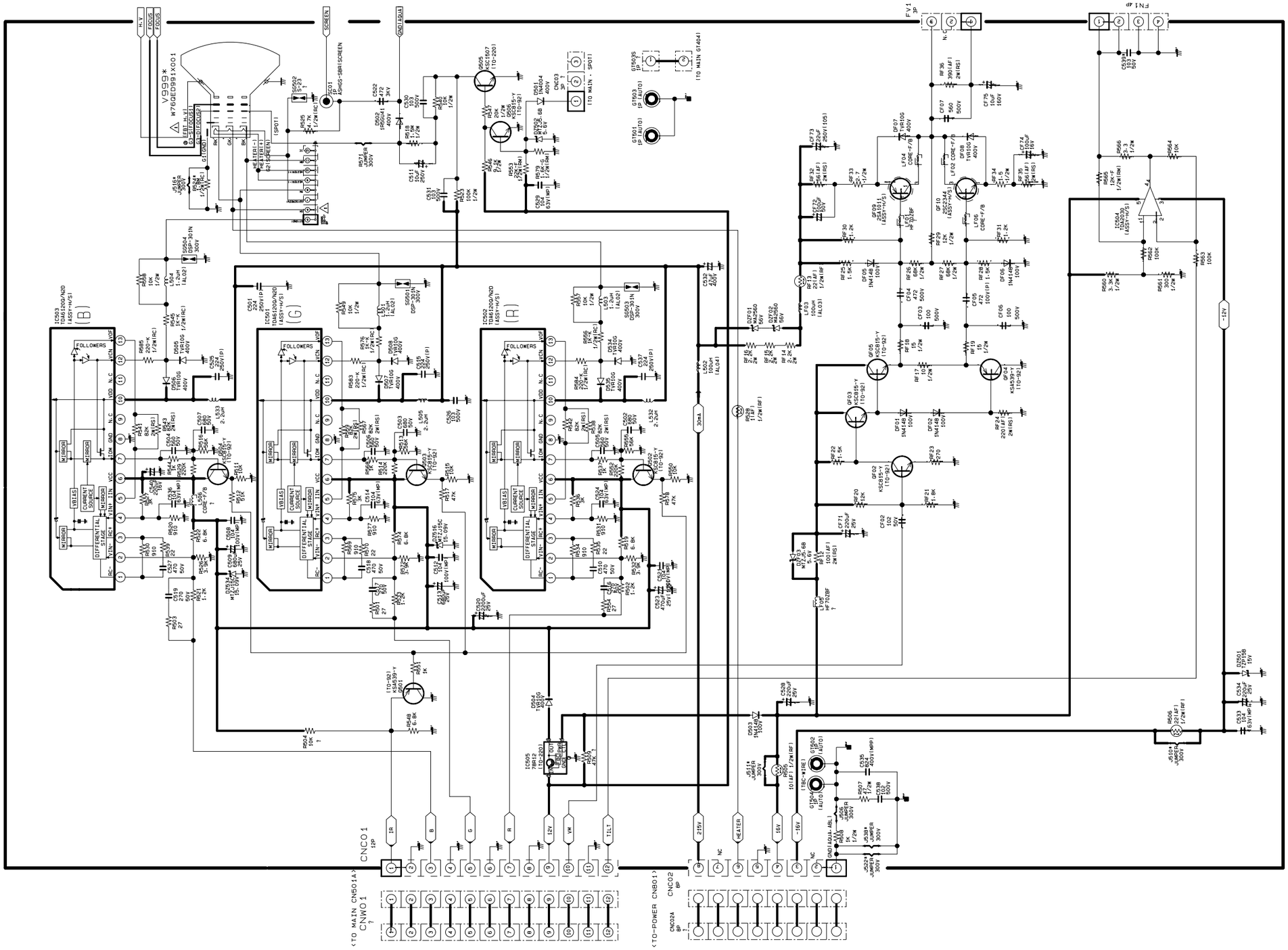
**TP19**



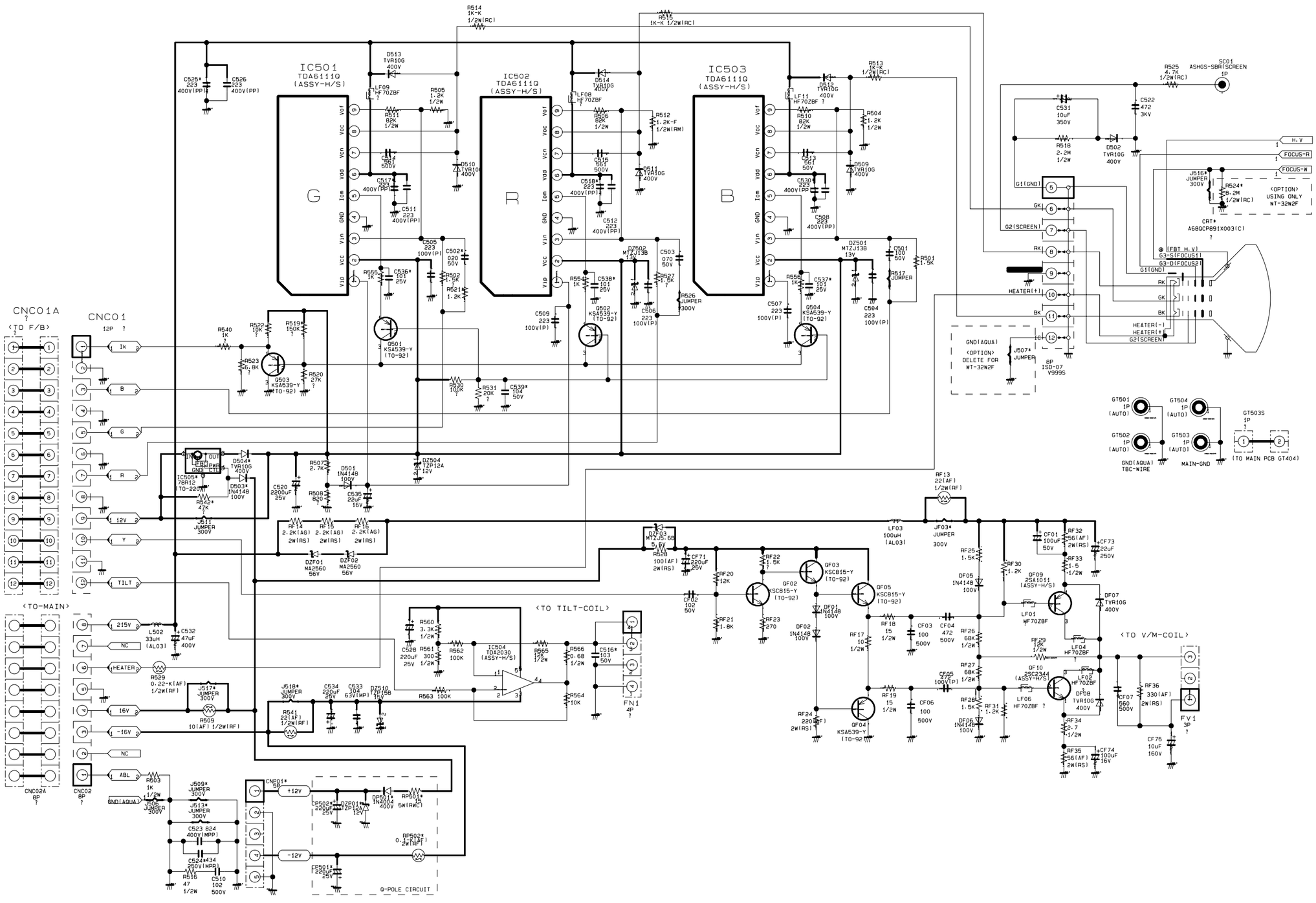
# 9-4 MAIN 4


02.03.08 3/4
TP20
TP21
TP22
TP23
TP24
TP25
MAIN-TUNER
SUB-TUNER
IC601 MSP3440G-B6 (SDIP)
IC602 TDA7269 (ASSY-H/S)
JA702 9P
JA701 9P
SOUND OUT
FROM SIDE A/V PCB
MUTE
WOOFER
B+24V
L-OUT
R-OUT
IIC BUS
S/W B+5V
B+ 9V
S/W B+5V
DEF-BUS
MCU-BUS
S/W 12V
CONTROL
VIDEO I/O

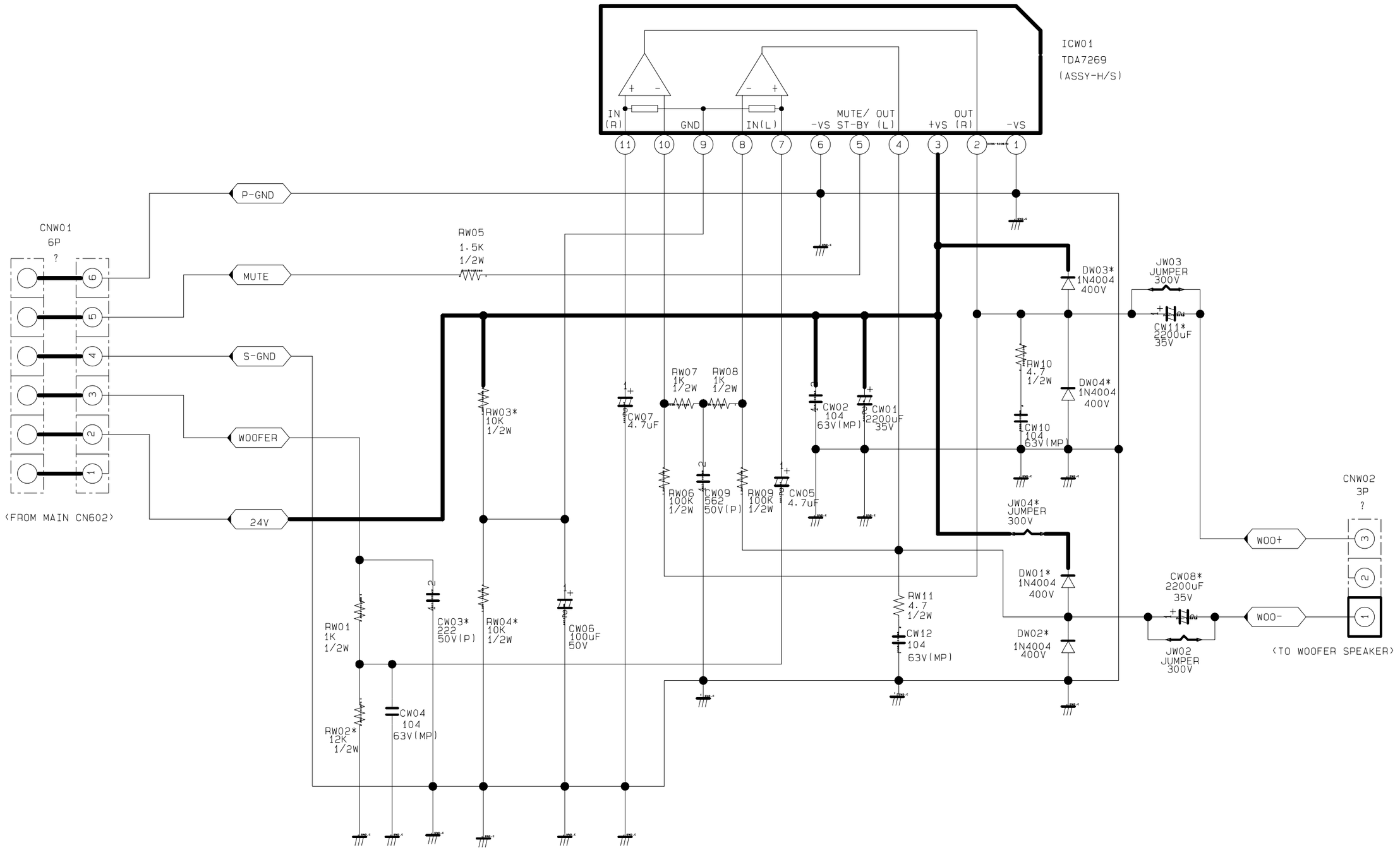
## 9-5 CRT / VM TDA6120Q



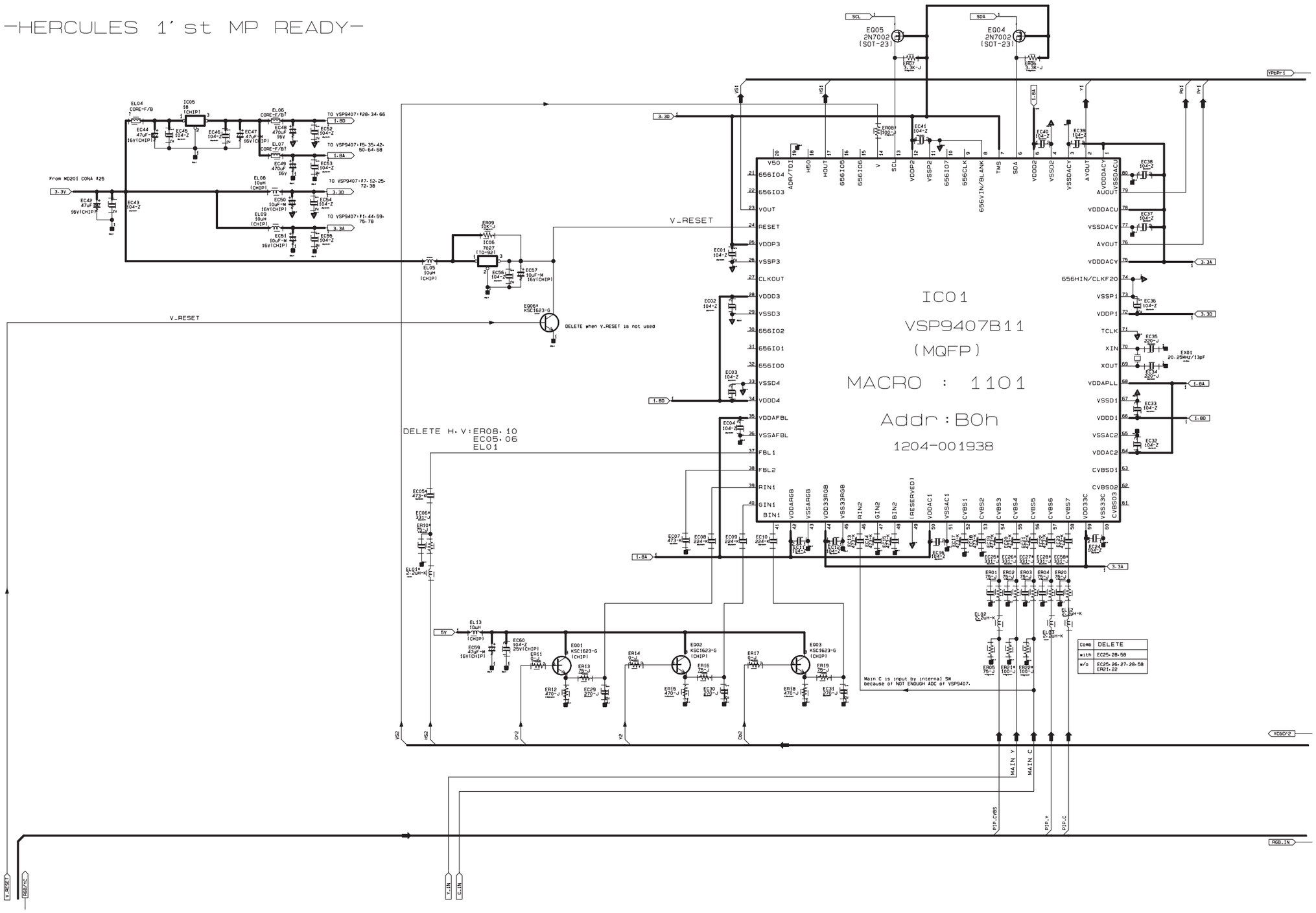
## 9-6 CRT / VM TDA6120Q



## 9-7 WOOFER


ICW01
TDA7269
(ASSY-H/S)
IN (R)
GND
IN(L)
MUTE/ -VS
OUT ST-BY
OUT (L)
+VS
OUT (R)
-VS
11
10
9
8
7
6
5
4
3
2
1
CNW01
6P
?
P-GND
MUTE
S-GND
WOOFER
24V
<FROM MAIN CN602>
RW05
1.5K
1/2W
RW03*
10K
1/2W
RW07
1K
1/2W
RW08
1K
1/2W
CW07
4.7uF
CW02
104
63V(MP)
CW01
2200uF
35V
DW03*
1N4004
400V
JW03
JUMPER
300V
CW11*
2200uF
35V
RW10
4.7
1/2W
DW04*
1N4004
400V
CW10
104
63V(MP)
RW06
100K
1/2W
CW09
562
50V(P)
RW09
100K
1/2W
CW05
4.7uF
JW04*
JUMPER
300V
CNW02
3P
?
WOO+
WOO-
<TO WOOFER SPEAKER>
DW01*
1N4004
400V
DW02*
1N4004
400V
CW08*
2200uF
35V
JW02
JUMPER
300V
RW11
4.7
1/2W
CW12
104
63V(MP)
RW01
1K
1/2W
CW03*
222
50V(P)
RW04*
10K
1/2W
CW06
100uF
50V
RW02*
12K
1/2W
CW04
104
63V(MP)

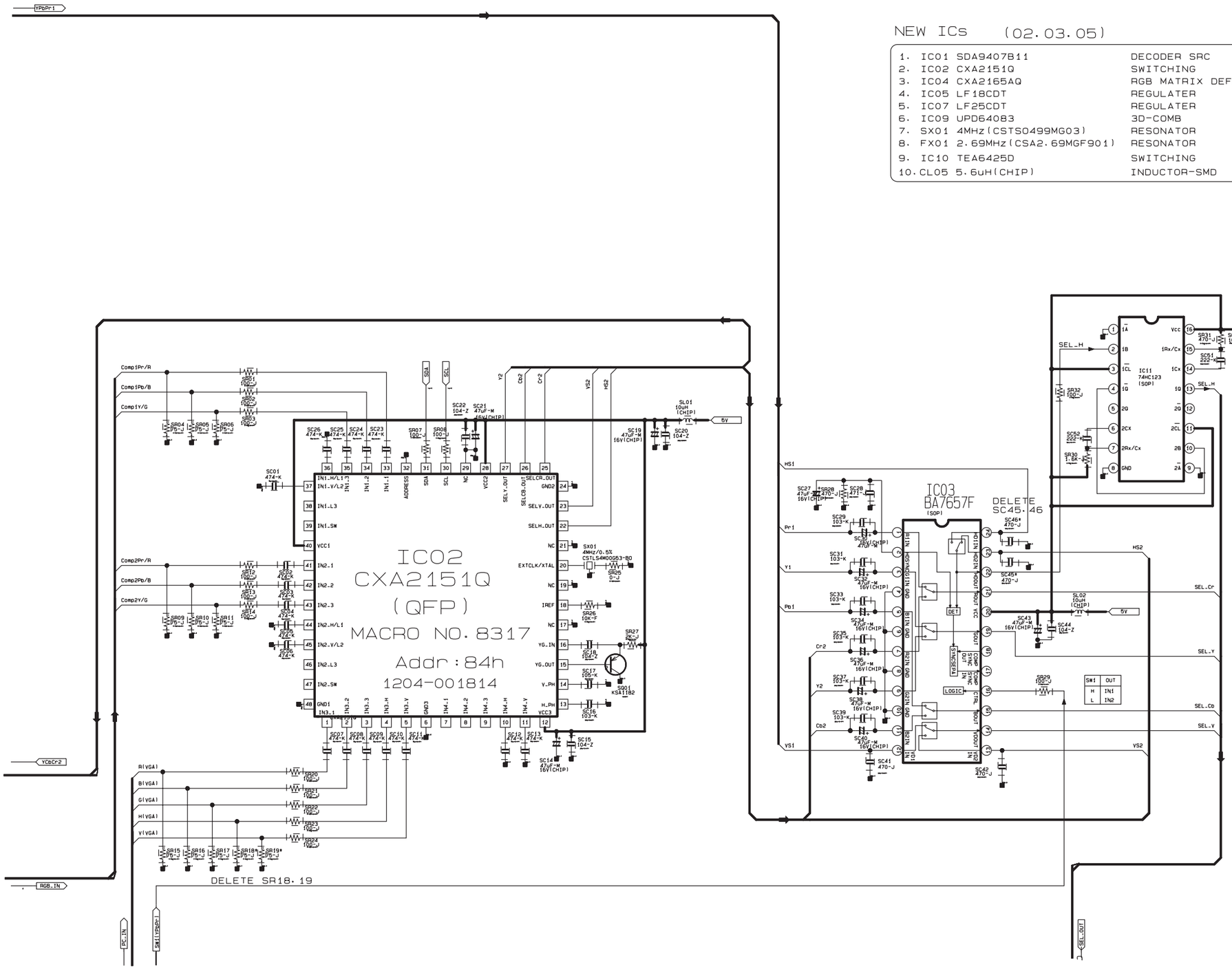
## 9-8 FEATURE-BOX-1



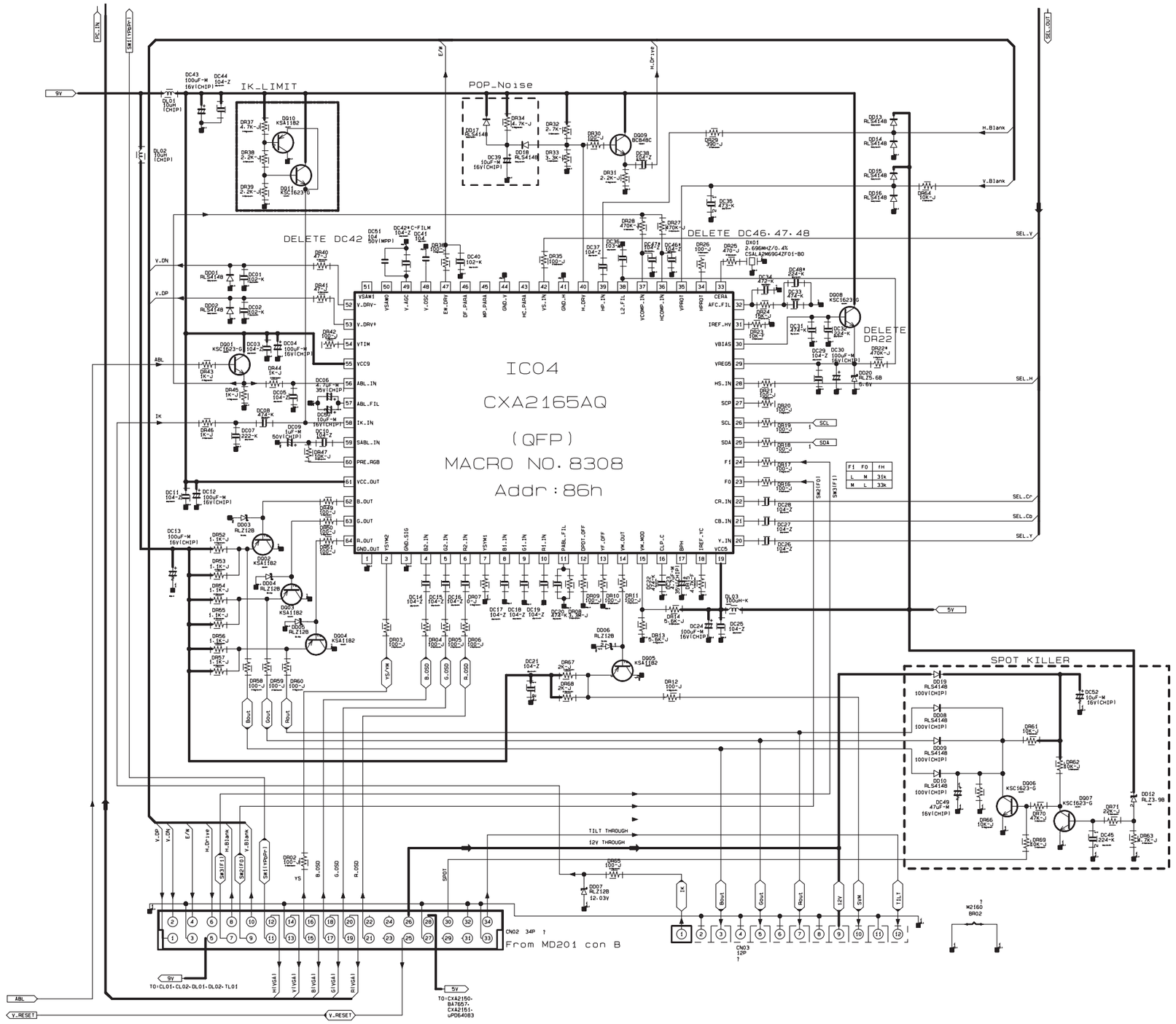
## 9-9 FEATURE-BOX-2

NEW ICs (02.03.05)

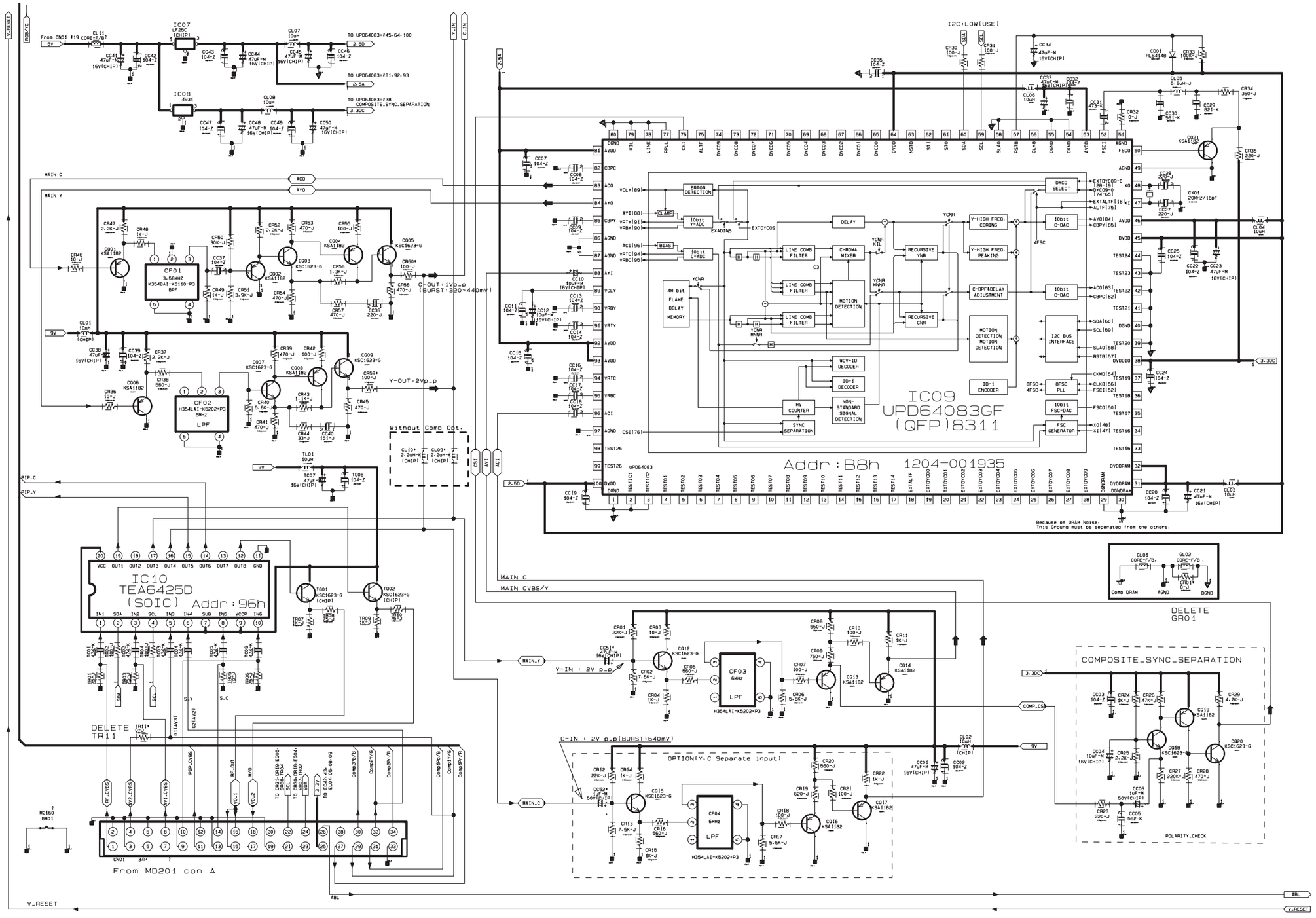
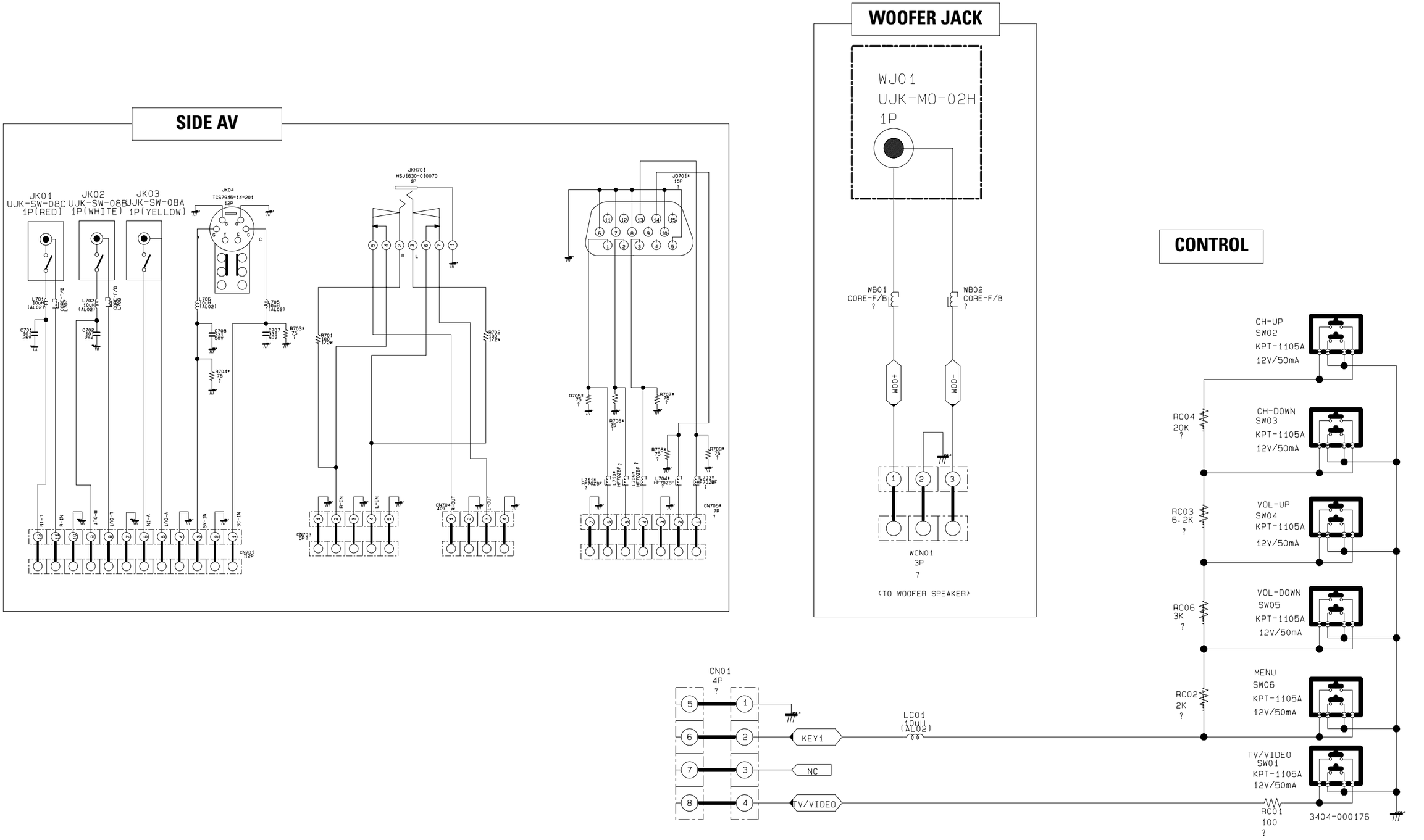
| | | | |
|---|---|---|---|
| 1. | IC01 SDA9407B11 | DECODER SRC | CODE NO:1204-001938 |
| 2. | IC02 CXA2151Q | SWITCHING | CODE NO:1204-001814 |
| 3. | IC04 CXA2165AQ | RGB MATRIX DEFLECTION | CODE NO:1204-001989 |
| 4. | IC05 LF18CDT | REGULATER | CODE NO:1203-002186 |
| 5. | IC07 LF25CDT | REGULATER | CODE NO:1203-002351 |
| 6. | IC09 UPD64083 | 3D-COMB | CODE NO:1204-001935 |
| 7. | SX01 4MHz(CSTS0499MG03) | RESONATOR | CODE NO:2802-001179 |
| 8. | FX01 2.69MHz(CSA2.69MGF901) | RESONATOR | CODE NO:2802-001177 |
| 9. | IC10 TEA6425D | SWITCHING | CODE NO:1001-001177 |
| 10. | CL05 5.6uH(CHIP) | INDUCTOR-SMD | CODE NO:2703-000389 |



## 9-10 FEATURE-BOX-3



## 9-11 FEATURE-BOX-4



## 9-12 SIDE AV, WOOFER JACK, CONTROL